

## Case 508 : Narrative

|                                   |                             |
|-----------------------------------|-----------------------------|
| Case Vehicle (A): 2003 Ford       | Vehicle (B): 2000 Chevrolet |
| Type: Windstar SE, 4-door minivan | Type: Blazer, 4-door SUV    |
| Driver: 51-year-old male          | Driver: 16-year-old female  |
| CDC: 12-FDEW-2                    | CDC: 99-0000-0              |

### SITUATION

[1](#) [2](#) It was cold and dark, the sky was cloudy, and the unlighted asphalt surface of the urban, three-lane, east-west road with a posted speed limit of 45 mph (72 kph) was icy. [3](#) Case vehicle (A) was traveling west at an unknown speed in the westbound lane and was approaching a curve to the right. [4](#) Vehicle (B) was traveling east at an unknown speed in the eastbound lane of the same road. As vehicle (B) rounded the curve, the driver lost control due to the icy road conditions. Vehicle (B) rotated 160-degrees counterclockwise and crossed the center-turn lane and the southbound lane where the front wheels were stuck off the north edge of the road and the vehicle was facing northwest and partially in the westbound lane. As case vehicle (A) was also rounding the curve, it came upon vehicle (B), which was stopped partially in the road and the front of case vehicle (A) struck the rear of vehicle (B). Both vehicles were towed from the scene due to damage.

The police accident report (PAR) indicates C-level injuries for the driver and right-front passenger of case vehicle (A), and both were treated at a local hospital and released. The PAR indicates that there were three uninjured passengers in the rear of case vehicle (A), and that there were no injuries for the driver and right-front passenger of vehicle (B).

### GENERAL VEHICLE DAMAGE AND ESTIMATED CRASH SEVERITIES

[5](#) Damage to the front of case vehicle (A) was moderate. Direct damage began at the left-front bumper corner and extended across the entire front of the vehicle. [6](#) The maximum rearward crush was 21 cm and it occurred near the center of the front bumper.

Vehicle (B) was not available for inspection.

[7](#) [8](#) [9](#) [10](#) [11](#) [12](#) [13](#) [14](#) [15](#) Using the missing-vehicle algorithm of the WinSMASH crash-reconstruction program and crush profiles measured at and above the bumper for case vehicle (A), the following impact severities were estimated for the collision between the front of case vehicle (A) and the rear of vehicle (B):

|                  |          | Estimated Velocity Change - kph (mph) |              |             |
|------------------|----------|---------------------------------------|--------------|-------------|
| Vehicle          | Variable | Total                                 | Longitudinal | Latitudinal |
| Case Vehicle (A) | delta V  | 33 (20)                               | -33 (-20)    | 0 (0)       |
| Vehicle (B)      | delta V  | 36 (22)                               | 36 (22)      | 0 (0)       |

# DESCRIPTION OF DAMAGE TO CASE VEHICLE (A)

## Exterior

[16](#) In the front, the bumper and grille were crushed rearward into the engine compartment and [17 18](#) both headlight assemblies were broken. The front of the hood was crushed up and to the rear, the hood latch was damaged and had released, [19 20](#) and both hood hinges were bent up. [21 22](#) The rear edge of the hood was elevated but it did not contact the windshield, although the windshield was cracked from internal contact by the right-front passenger.

[23 24](#) On the right side, the fender was buckled to the right and crushed rearward against the right-front tire. The wheel and tire were not damaged but the right wheelbase was reduced by 3 cm. [25 26](#) Both right-side doors were undamaged and operational and all of the right-side windows were intact. [27 28](#) There was no other damage to the right side.

[29 30](#) On the left side, the fender was slightly buckled. [31 32 33 34 35](#) There was no other damage to the left side of the vehicle and there was no change in the left wheelbase.

[36](#) There was no damage to the rear of case vehicle (A).

## Interior

[37](#) This vehicle was equipped with steering-wheel and dash-mounted frontal-impact airbags, and both deployed during the frontal impact. The vehicle was also equipped with seatback-mounted driver and right-front side-impact airbags that did not deploy.

[38](#) In the driver seating area, there was no damage to the deployed steering-wheel airbag or to the module cover. [74 75](#) There were loading marks on the D-ring, [76](#) on the shoulder-belt webbing, [77](#) and on the continuous loop of the latch plate, [78](#) and the belt was locked in an extended position following pretensioner firing. [42](#) There were scuffmarks on the driver-door armrest and [43](#) on the right side of the knee bolster, and [44](#) there were some white marks on the roof liner over the driver seat. [45 46](#) The driver seatback was bent rearward but [39 40 41 47 48](#) there was no other damage in the driver area.

[49 50 51 52](#) In the center-front area, there was a scuffmark on the right side of the vertical console. [53 54](#) In the right-front seating area, there was a spider-web crack with embedded hair in the windshield due to head contact by the right-front passenger. [55 56](#) There was no damage to the deployed airbag or to the module cover, [82](#) and there was no evidence of belt use on the D-ring, on the shoulder-belt webbing, or [83](#) on the continuous loop of the latch plate. [57 58](#) There were scuffmarks on the right side of the glove compartment and on [59](#) the dashboard just to the left of the glove compartment. [60 61](#) The right-front seatback was deflected forward but [62 63 64](#) there was no other damage in the right-front seating area.

In the second-row seating area, [65 66](#) the fabric on the backs of the driver and right-front seatbacks [67 68](#) was abraded, and [69 70](#) the plastic on the bottom sections of the seatbacks was cracked and broken. [71](#) The seatback of the right-front seat was loose and pushed forward.

[72 73](#) In the third-row, there were scrapes on the backs of the second-row seat seatbacks.

There were no interior intrusions and there was no other interior damage.

# OCCUPANT KINEMATICS AND INJURIES

[45](#) [46](#) The 163-cm, 59-kg (5-ft 4-in, 130-lb) 51-year-old male driver was using the three-point belt with a pretensioner that fired, and the [38](#) steering-wheel airbag deployed. [74](#) [75](#) Belt use is indicated by D-ring marks on the shoulder belt, by [76](#) belt loading marks on the D-ring and [77](#) continuous loop of the latch plate, and [78](#) by the fact that the belt was locked in an extended position after the pretensioner fired. [79](#) The shoulder-belt anchor point on the B-pillar was adjusted to the highest position and the seat was adjusted to a mid-track position.

During the frontal impact, the driver moved forward relative to the vehicle interior, into the belt restraints, airbag, and knee bolster. He sustained cervical strain, [80](#) probably from non-contact impact forces. He also sustained abrasions to the left side of the neck and to the left side of the chest from loading by the shoulder belt.

[81](#) The 170-cm, 68-kg (5-ft 7-in, 150-lb) 38-year-old male right-front passenger was not using the three-point belt but the [55](#) dash-mounted airbag deployed. [82](#) There was no evidence of belt use on the D-ring, shoulder-belt webbing, or [83](#) continuous loop. [63](#) The seat was adjusted to a mid-track position.

[57](#) During the frontal impact, the right-front passenger moved forward relative to the vehicle interior into and over airbag, and into the knee bolster. [53](#) [54](#) He sustained abrasions to the forehead and lost consciousness due to head impact with the windshield, as evidenced by a spider-web crack with embedded hair just below the windshield header.

[84](#) [85](#) [86](#) [87](#) The left second-row adult passenger of unknown stature, weight, and gender was not using the 3-point belt. During the frontal impact, he/she moved forward relative to the vehicle interior into the back of the driver seat, as evidenced by damage to, and scuffmarks on, the back of the seatback. According to the police accident report (PAR), this occupant did not sustain any injuries.

[88](#) [89](#) [90](#) [91](#) [92](#) The right second-row adult passenger of unknown stature, weight, and gender was not using the 3-point belt. During the frontal impact, he/she moved forward relative to the vehicle interior, into the back of the right-front seatback, as evidenced by damage to, and scuffmarks on, the back of the seat. According to the PAR, this occupant did not sustain any injuries.

[93](#) [94](#) A center third-row adult passenger of unknown stature, weight, and gender was not using any belt restraint. During the frontal impact, he/she moved forward relative to the vehicle interior into the backs of the second-row seats. According to the PAR, this occupant did not sustain any injuries.

The tables [95](#) [96](#) [97](#) [98](#) [99](#) summarize the injuries and source of injuries for the five occupants of case vehicle (A).

|  |                              |                      |             |          |
|--|------------------------------|----------------------|-------------|----------|
| Occupant: Driver   | Age: 51 years                | Gender: Male         |             |          |
| Restraints: 3-point belt with pretensioner;steering-wheel airbag | Stature: 163 cm (5 ft, 4 in) | Mass: 59 kg (130 lb) |             |          |
| Injury Description   | A.I.S.                       | Injury Source        |             |          |
| —  | —                            | Definite             | Probable    | Possible |
|  |                              |                      | Non-contact |          |

|                               |   |               |               |   |
|-------------------------------|---|---------------|---------------|---|
| Cervical strain               | 1 | —             | impact forces | — |
| Abrasions, left side of neck  | 1 | Shoulder belt | —             | — |
| Abrasions, left side of chest | 1 | Shoulder belt | —             | — |
| Maximum A.I.S. Level          | 1 | —             | —             | — |
| Injury Severity Score         | 2 | —             | —             | — |

| Occupant: Right front           | Age: 38 years                | Gender: Male         |          |          |
|---------------------------------|------------------------------|----------------------|----------|----------|
| Restraints: Dash-mounted airbag | Stature: 170 cm (5 ft, 7 in) | Mass: 68 kg (150 lb) |          |          |
| Injury Description              | A.I.S.                       | Injury Source        |          |          |
| —                               | —                            | Definite             | Probable | Possible |
| Loss of consciousness           | 2                            | Windshield           | —        | —        |
| Abrasions, forehead             | 1                            | Windshield           | —        | —        |
| Maximum A.I.S. Level            | 2                            | —                    | —        | —        |
| Injury Severity Score           | 5                            | —                    | —        | —        |

| Occupant: Left second row              | Age: Unknown     | Gender: Unknown |          |          |
|--|------------------|-----------------|----------|----------|
| Restraints: None                       | Stature: Unknown | Mass: Unknown   |          |          |
| Injury Description                     | A.I.S.           | Injury Source   |          |          |
| —                                      | —                | Definite        | Probable | Possible |
| No injuries according to police report | —                | —               | —        | —        |
| Maximum A.I.S. Level                   | 0                | —               | —        | —        |
| Injury Severity Score                  | 0                | —               | —        | —        |

| Occupant: Right second row             | Age: Unknown     | Gender: Unknown |          |          |
|--|------------------|-----------------|----------|----------|
| Restraints: None                       | Stature: Unknown | Mass: Unknown   |          |          |
| Injury Description                     | A.I.S.           | Injury Source   |          |          |
| —                                      | —                | Definite        | Probable | Possible |
| No injuries according to police report | —                | —               | —        | —        |
| Maximum A.I.S. Level                   | 0                | —               | —        | —        |
| Injury Severity Score                  | 0                | —               | —        | —        |



| Occupant: Center third row             | Age: Unknown     | Gender: Unknown |          |          |
|--|------------------|-----------------|----------|----------|
| Restraints: None                       | Stature: Unknown | Mass: Unknown   |          |          |
| Injury Description                     | A.I.S.           | Injury Source   |          |          |
| —                                      | —                | Definite        | Probable | Possible |
| No injuries according to police report | —                | —               | —        | —        |
| Maximum A.I.S. Level                   | 0                | —               | —        | —        |
| Injury Severity Score                  | 0                | —               | —        | —        |

CASE NO.: 508

CASE VEHICLE: 2003 Ford

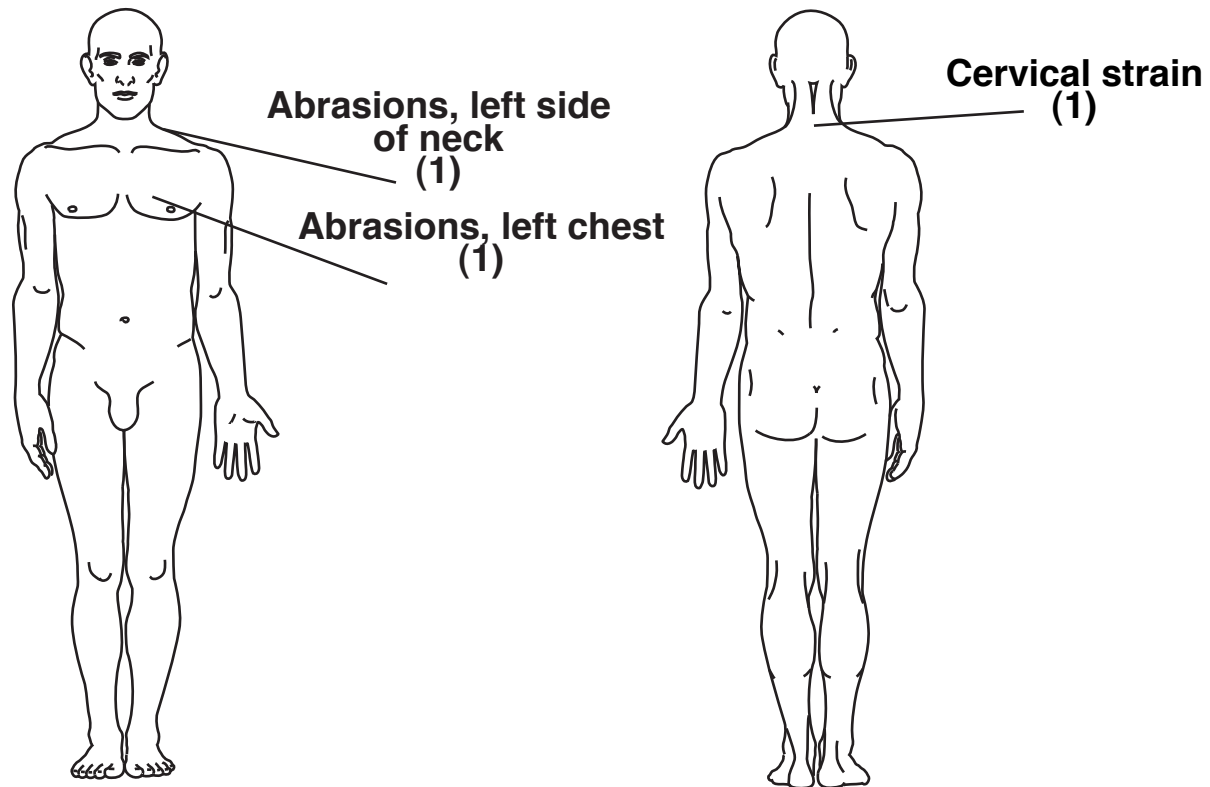
TYPE: Windstar SE, 4-door minivan

OCCUPANT: (Driver) 51-year-old male

STATURE: 163 cm (5 ft, 4 in)    MASS: 59 kg (130 lb)

RESTRAINTS: 3-point belt with pretensioner;  
steering-wheel airbag

SEVERITY:    MAIS - 1                    ISS - 2



CASE NO.: 508

CASE VEHICLE: 2003 Ford

TYPE: Windstar SE, 4-door minivan

OCCUPANT: (Right front) 38-year-old male

STATURE: 170 cm (5 ft, 7 in) MASS: 68 kg (150 lb)

RESTRAINTS: Dash-mounted airbag

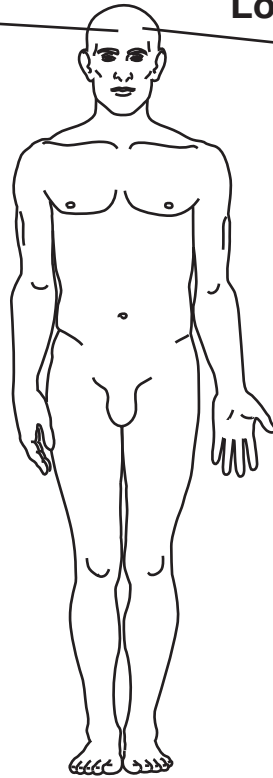
SEVERITY: MAIS - 2 ISS - 5

Abrasions, forehead

(1)

Loss of consciousness

(2)



CASE NO.: **508**

CASE VEHICLE: **2003 Ford**

TYPE: **Windstar SE, 4-door sedan**

OCCUPANT: **(Right second) Unknown**

STATURE: **Unknown**      MASS: **Unknown**

RESTRAINTS: **None**

SEVERITY:    MAIS - **0**            ISS - **0**

**No injury**

CASE NO.: **508**

CASE VEHICLE: **2003 Ford**

TYPE: **Windstar SE, 4-door sedan**

OCCUPANT: **(Left second) Unknown**

STATURE: **Unknown**      MASS: **Unknown**

RESTRAINTS: **None**

SEVERITY:    MAIS - **0**            ISS - **0**

**No injury**

CASE NO.: **508**

CASE VEHICLE: **2003 Ford**

TYPE: **Windstar SE, 4-door sedan**

OCCUPANT: **(Center third) Unknown**

STATURE: **Unknown**      MASS: **Unknown**

RESTRAINTS: **None**

SEVERITY:    MAIS - **0**            ISS - **0**

**No injury**

Case No.: **508**

Case Veh. (A): **2003 Ford**

Type: **Windstar SE, 4-door minivan**

Driver: **51-year-old male**

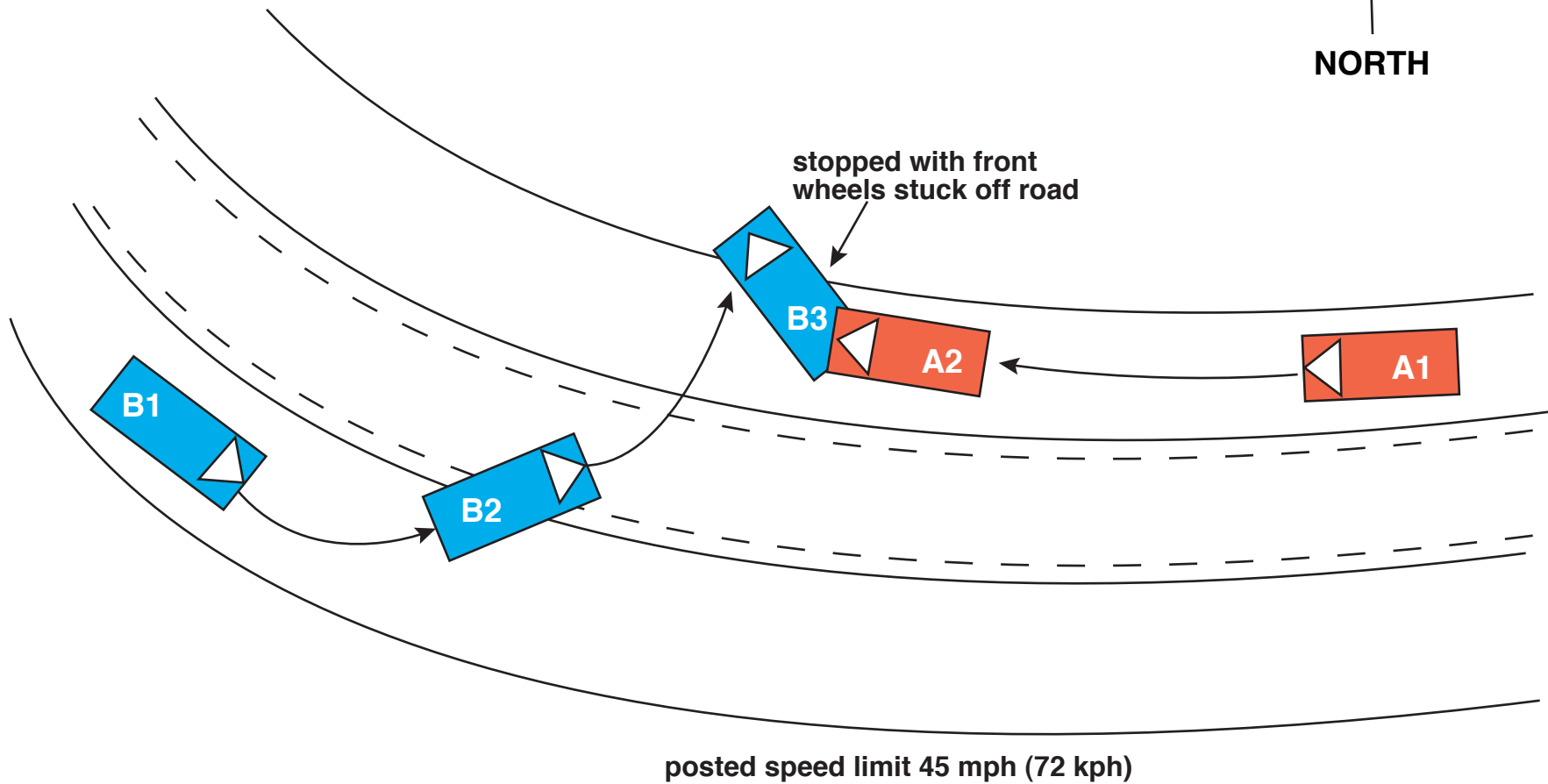
Vehicle (B): **2000 Chevrolet Blazer, 4-door SUV**

Weather: **Cloudy**

Road Surface: **Icy**

Road Construction: **Asphalt**

Light Condition: **Dark/unlighted**



## 508: Vehicle Report

Click on Section Name to jump directly to that Section —

- [General Information](#)
  - [Other Vehicle](#)
  - [Case Vehicle General](#)
  - [Case Vehicle Damage Description](#)
  - [Crash Reconstruction](#)
  - [Case Vehicle Tires & Rims](#)
  - [Case Vehicle Fuel Tank](#)
  - [Case Vehicle Fuel Leakage](#)
  - [Case Vehicle Fire](#)
  - [Case Vehicle Exterior](#)
  - [Case Vehicle Steering Column/Rim](#)
  - [Case Vehicle Intrusion](#)
  - [Case Vehicle Airbag\(s\)](#)
  - [Case Vehicle Interior](#)
  - [Case Vehicle Seats](#)
  - [Case Vehicle Side Airbag\(s\)](#)
  - [EDR -- Event Data Recorder](#)
- 

### General Information

[Back to Top](#)

| Variable Number | Variable Name                 | Code Value | Code Description                         | Other Options        |
|-----------------|-------------------------------|------------|--|----------------------|
| V0204           | Collision Hour                | 2116       | Time of day (24 hour clock)              | <a href="#">more</a> |
| V0205           | State Fips Code               | 26         | Michigan                                 | <a href="#">more</a> |
| V0206           | Urban/rural Area              | 1          | Urban                                    | <a href="#">more</a> |
| V0207           | Limited Access Highway        | 0          | No                                       | <a href="#">more</a> |
| V0208           | Road Total Lanes              | 3          | 3 lanes                                  | <a href="#">more</a> |
| V0209           | Intersect Road Total Lanes    | 8          | Not applicable                           | <a href="#">more</a> |
| V0210           | Trafficway Flow               | 0          | Not physically divided - two way traffic | <a href="#">more</a> |
| V0211           | Road Surface Type             | 1          | Asphalt                                  | <a href="#">more</a> |
| V0212           | Road Defects                  | 0          | No                                       | <a href="#">more</a> |
| V0213           | Construction Zone             | 0          | No                                       | <a href="#">more</a> |
| V0214           | Road Alignment Vertical Plane | 1          | Level                                    | <a href="#">more</a> |



|       |  |    |                                     |                      |
|-------|--|----|-------------------------------------|----------------------|
| V0215 | Road Alignment Horizontal Plane              | 2  | Curve                               | <a href="#">more</a> |
| V0216 | Surface Covering                             | 41 | Ice                                 | <a href="#">more</a> |
| V0217 | Visibility Limitation                        | 0  | None                                | <a href="#">more</a> |
| V0218 | Visibility Obstruction                       | 0  | None                                | <a href="#">more</a> |
| V0219 | Speed Limit                                  | 4  | 71-79 km/h .. 45 mph                | <a href="#">more</a> |
| V0220 | Precipitation Type                           | 0  | None                                | <a href="#">more</a> |
| V0221 | Precipitation Rate                           | 8  | Not applicable                      | <a href="#">more</a> |
| V0222 | Temperature                                  | 9  | Unknown                             | <a href="#">more</a> |
| V0223 | Crosswind                                    | 9  | Unknown                             | <a href="#">more</a> |
| V0224 | Light Conditions                             | 5  | Dark, unlighted                     | <a href="#">more</a> |
| V0225 | Mechanical Malfunction Mention               | 0  | No                                  | <a href="#">more</a> |
| V0226 | Case Vehicle And Object                      | 0  | No                                  | <a href="#">more</a> |
| V0227 | Case Vehicle Rollover                        | 0  | No                                  | <a href="#">more</a> |
| V0228 | Rollover Location                            | 0  | No rollover                         | <a href="#">more</a> |
| V0229 | Roll Direction                               | 0  | No rollover                         | <a href="#">more</a> |
| V0230 | Rollover Initiation Type                     | 0  | No rollover                         | <a href="#">more</a> |
| V0231 | Rollover Number Of Turns                     | 0  | No rollover                         | <a href="#">more</a> |
| V0232 | Case Vehicle Preimpact Braking               | 9  | Unknown                             | <a href="#">more</a> |
| V0233 | Case Vehicle Preimpact Stability             | 1  | Case vehicle tracking before impact | <a href="#">more</a> |
| V0234 | Case Vehicle Ran Off Roadway                 | 0  | No                                  | <a href="#">more</a> |
| V0235 | Moving Case Vehicle Contacted Moving Vehicle | 0  | No                                  | <a href="#">more</a> |
| V0236 | Case Vehicle Contacted Stopped Vehicle       | 1  | Yes                                 | <a href="#">more</a> |
| V0237 | Stopped Case Vehicle Contacted Vehicle       | 0  | No                                  | <a href="#">more</a> |
| V0238 | Total Vehicles Hit By Case Vehicle           | 1  | 1 vehicle                           | <a href="#">more</a> |
| V0239 | Any Fire In Crash?                           | 0  | No                                  | <a href="#">more</a> |
| V0240 | Maximum Police Severity-acc                  | 1  | C - Possible Injury                 | <a href="#">more</a> |
| V0241 | Driver Alcohol Involvmnt                     | 0  | Had not been drinking               | <a href="#">more</a> |
| V0242 | Driver Alcohol BAC (Case Vehicle)            | 80 | No test                             | <a href="#">more</a> |
| V0243 | Driver Impairment Mention                    | 0  | No                                  | <a href="#">more</a> |
| V0244 | Driver Distraction                           | 01 | Attentive or not distracted         | <a href="#">more</a> |

|       |                         |   |                     |                      |
|-------|-------------------------|---|---------------------|----------------------|
| V0245 | Driver Drug Involvement | 0 | None                | <a href="#">more</a> |
| V0246 | Driver Drug Type        | 0 | No drug use         | <a href="#">more</a> |
| V0247 | Driven/towed From Scene | 2 | Towed Due to Damage | <a href="#">more</a> |

## Other Vehicle

[Back to Top](#)

| Variable Number | Variable Name                          | Code Value        | Code Description                                   | Other Options        |
|-----------------|--|-------------------|--|----------------------|
| V0301           | Other Vehicle VIN                      | 1GNDT13W6YXXXXXXX | <a href="#">Click for Contacted Vehicle figure</a> | <a href="#">more</a> |
| V0302           | Other Vehicle Manufacturer/Body Code   | 11314             | —  | —                    |
| V0303           | Other Vehicle Manufacturer             | 113               | Chevrolet  | <a href="#">more</a> |
| V0304           | Other Vehicle Body Code                | 14                | Short wheelbase utility vehicle (Jeep, Bronco)     | <a href="#">more</a> |
| V0305           | Other Vehicle Make/model               | 2904              | C/K Blazer   | <a href="#">more</a> |
| V0306           | Other Vehicle Model Year               | 2000              | Year   | <a href="#">more</a> |
| V0307           | Other Vehicle Mass                     | 001871 kg         | Mass (Kg.)   | <a href="#">more</a> |
| V0308           | Other Vehicle Number                   | 0                 | No separate report                                 | <a href="#">more</a> |
| V0309           | Other Vehicle Number of Occupants      | 02                | number of occupants                                | <a href="#">more</a> |
| V0310           | Other Vehicle Traveling Speed          | 000 kph           | Parked or just starting                            | <a href="#">more</a> |
| V0311           | Highest Police Injury Severity         | 0                 | O - No Injury                                      | <a href="#">more</a> |
| V0312           | Other Vehicle Type                     | 14                | Small utility (wheelbase <107", e.g. Jeep)         | <a href="#">more</a> |
| V0313           | Other Vehicle Wheelbase in Centimeters | 272 cm            | Actual Wheelbase (cm)                              | <a href="#">more</a> |
| V0314           | Other Vehicle Average Track Width      | 142 cm            | actual measurement (cm)                            | <a href="#">more</a> |
| V0315           | Other Vehicle Overall Length           | 466 cm            | actual measurement (cm)                            | <a href="#">more</a> |
| V0316           | Other Vehicle Overall Width (OAW)      | 172 cm            | actual measurement (cm)                            | <a href="#">more</a> |
| V0317           | Other Vehicle Front Overhang           | 090 cm            | actual measurement (cm)                            | <a href="#">more</a> |
|                 |  |                   |  |                      |

|       |   |        |                           |                      |
|-------|---|--------|---------------------------|----------------------|
| V0318 | Other Vehicle Rear Overhang               | 104 cm | actual measurement (cm)   | <a href="#">more</a> |
| V0319 | Other Vehicle Undeformed End Width (UEW)  | 170 cm | actual measurement (cm)   | <a href="#">more</a> |
| V0320 | Other Vehicle Engine Displacement         | 4.3 l  | Liters                    | <a href="#">more</a> |
| V0321 | Other Vehicle Engine: Number of Cylinders | 06     | number of cylinders       | <a href="#">more</a> |
| V0322 | Other Vehicle Direct Damage Length (DDL)  | 999    | Unknown                   | <a href="#">more</a> |
| V0323 | Other Vehicle Front-End Overlap           | 99     | Missing or Not applicable | <a href="#">more</a> |
| V0324 | Other Vehicle - Vehicle Overlap           | 99     | Missing or Not applicable | <a href="#">more</a> |

### Case Vehicle General

[Back to Top](#)

| Variable Number | Variable Name               | Code Value       | Code Description                              | Other Options        |
|-----------------|-----------------------------|------------------|---|----------------------|
| V0401           | VIN                         | 2FM2A52403XXXXXX | <a href="#">Click for Case Vehicle figure</a> | <a href="#">more</a> |
| V0402           | Manufacturer/Body Code      | 22111            | —   | —                    |
| V0403           | Vehicle Manufacturer        | 221              | Ford/Canada                                   | <a href="#">more</a> |
| V0404           | Vehicle Body Code           | 11               | Passenger van; panel or cargo van             | <a href="#">more</a> |
| V0405           | Make/model Code             | 3133             | Windstar                                      | <a href="#">more</a> |
| V0406           | Model Year                  | 2003             | Model year                                    | <a href="#">more</a> |
| V0407           | Vehicle Mass                | 001765 kg        | Mass (Kg)                                     | <a href="#">more</a> |
| V0408           | Odometer Reading            | 888888           | —   | —                    |
| V0409           | Number of Occupants         | 05               | 5 occupants                                   | <a href="#">more</a> |
| V0410           | Traveling Speed             | 999              | Unknown                                       | <a href="#">more</a> |
| V0411           | Body Type                   | 24               | Van (small)                                   | <a href="#">more</a> |
| V0412           | Stolen Vehicle              | 8                | Not currently collected                       | <a href="#">more</a> |
| V0413           | Body Structure              | 2                | Unitized                                      | <a href="#">more</a> |
| V0414           | Transmission Type           | 1                | Automatic                                     | <a href="#">more</a> |
| V0415           | Transmission Lever Location | 3                | Column  | <a href="#">more</a> |
| V0416           | Steering                    | 1                | Power   | <a href="#">more</a> |
| V0417           | Brakes                      | 1                | Power   | <a href="#">more</a> |
| V0418           | Brake Type                  | 1                | Drum - all wheels                             | <a href="#">more</a> |
| V0419           | Adjustable Pedals?          | 1                | Yes   | <a href="#">more</a> |

|       |  |        |                         |                      |
|-------|--|--------|-------------------------|----------------------|
| V0420 | Brake Anti-lock Device                   | 2      | Four-wheel              | <a href="#">more</a> |
| V0421 | Air Conditioning in Vehicle              | 8      | Not currently collected | <a href="#">more</a> |
| V0422 | Drive Type                               | 2      | Front wheel             | <a href="#">more</a> |
| V0423 | Dual Rear Wheels                         | 0      | No                      | <a href="#">more</a> |
| V0424 | Original Restraint System Type           | 3      | Air bag                 | <a href="#">more</a> |
| V0425 | Equipped With Roll Bar                   | 0      | No                      | <a href="#">more</a> |
| V0426 | Roof Type                                | 1      | Solid                   | <a href="#">more</a> |
| V0427 | Case Vehicle Wheelbase in Centimeters    | 307 cm | Actual Wheelbase        | <a href="#">more</a> |
| V0428 | Anti-lacerative Glass                    | 8      | Not Collected           | <a href="#">more</a> |
| V0429 | Case Vehicle average track Width         | 162 cm | actual measurement (cm) | <a href="#">more</a> |
| V0430 | Case Vehicle Overall Length              | 511 cm | actual measurement (cm) | <a href="#">more</a> |
| V0431 | Case Vehicle Overall Width (OAW)         | 192    | actual measurement (cm) | <a href="#">more</a> |
| V0432 | Case Vehicle Front Overhang              | 101 cm | actual measurement (cm) | <a href="#">more</a> |
| V0433 | Case Vehicle Rear Overhang               | 103 cm | actual measurement (cm) | <a href="#">more</a> |
| V0434 | Case Vehicle Undeformed End Width (UEW)  | 146 cm | actual measurement (cm) | <a href="#">more</a> |
| V0435 | Case Vehicle Engine Displacement         | 3.8 l  | Liters                  | <a href="#">more</a> |
| V0436 | Case Vehicle Engine: Number of Cylinders | 06     | number of cylinders     | <a href="#">more</a> |
| V0437 | Case Vehicle Direct Damage Length (DDL)  | 146 cm | actual measurement (cm) | <a href="#">more</a> |
| V0438 | Case Vehicle Front-end Overlap           | 98     | 98% or more             | <a href="#">more</a> |
| V0439 | Case Vehicle - Vehicle Overlap           | 98     | 98% or more             | <a href="#">more</a> |

## Case Vehicle Damage Description

[Back to Top](#)

| Variable Number | Variable Name | Code Value | Code Description | Other Options |
|-----------------|---------------|------------|------------------|---------------|
|                 |               |            |                  |               |

|       |   |        |   |                      |
|-------|---|--------|---|----------------------|
| V0501 | Maximum Sheet Metal Crush<br>- Front      | 021 cm | Depth of Crush (cm)                           | <a href="#">more</a> |
| V0502 | Maximum Sheet Metal Crush<br>- Right Side | 000 cm | No Crush (or less than 1 cm.)                 | <a href="#">more</a> |
| V0503 | Maximum Sheet Metal Crush<br>- Rear       | 000 cm | No Crush (or less than 1 cm.)                 | <a href="#">more</a> |
| V0504 | Maximum Sheet Metal Crush<br>- Left Side  | 000 cm | No Crush (or less than 1 cm.)                 | <a href="#">more</a> |
| V0505 | Maximum Sheet Metal Crush<br>- Roof       | 000 cm | No Crush (or less than 1 cm.)                 | <a href="#">more</a> |
| V0506 | Maximum Sheet Metal Crush<br>- Other      | 000 cm | No Crush (or less than 1 cm.)                 | <a href="#">more</a> |
| V0507 | Seq In Chronological Ord                  | 1      | Yes   | <a href="#">more</a> |
| V0508 | Event 1 -impact Location                  | 1      | On Roadway                                    | <a href="#">more</a> |
| V0509 | Event 1 -Impact<br>Configuration          | 14     | FRONT of case veh - REAR of<br>contacted veh  | <a href="#">more</a> |
| V0510 | Event 1 -Object/Vehicle<br>Contactd       | 14     | Small utility (wheelbase <107", e.g.<br>Jeep) | <a href="#">more</a> |
| V0511 | Event 2 -impact Location                  | 8      | No 2nd event                                  | <a href="#">more</a> |
| V0512 | Event 2 -Impact<br>Configuration          | 88     | No 2nd event                                  | <a href="#">more</a> |
| V0513 | Event 2 -Object/Vehicle<br>Contactd       | 00     | No object/vehicle contacted                   | <a href="#">more</a> |
| V0514 | Event 3 -impact Location                  | 8      | No 3rd event                                  | <a href="#">more</a> |
| V0515 | Event 3 -Impact<br>Configuration          | 88     | No 3rd event                                  | <a href="#">more</a> |
| V0516 | Event 3 -Object/Vehicle<br>Contactd       | 00     | No object/vehicle contacted                   | <a href="#">more</a> |
| V0517 | Event 4 -impact Location                  | 8      | No 4th event                                  | <a href="#">more</a> |
| V0518 | Event 4 -Impact<br>Configuration          | 88     | No 4th event                                  | <a href="#">more</a> |
| V0519 | Event 4 -Object/Vehicle<br>Contactd       | 00     | No object/vehicle contacted                   | <a href="#">more</a> |
| V0520 | Event 5 -impact Location                  | 8      | No 5th event                                  | <a href="#">more</a> |
| V0521 | Event 5 -Impact<br>Configuration          | 88     | No 5th event                                  | <a href="#">more</a> |
| V0522 | Event 5 -Object/Vehicle<br>Contactd       | 00     | No object/vehicle contacted                   | <a href="#">more</a> |
| V0523 | Event 6 -impact Location                  | 8      | No 6th event                                  | <a href="#">more</a> |
| V0524 | Event 6 -Impact<br>Configuration          | 88     | No 6th event                                  | <a href="#">more</a> |
| V0525 | Event 6 -Object/Vehicle                   | 00     | No object/vehicle contacted                   | <a href="#">more</a> |

|       |   |         |                                |                      |
|-------|---|---------|--------------------------------|----------------------|
|       | Contactd  |         |                                |                      |
| V0526 | Event 7 -impact Location                            | 8       | No 7th event                   | <a href="#">more</a> |
| V0527 | Event 7 -Impact Configuration                       | 88      | No 7th event                   | <a href="#">more</a> |
| V0528 | Event 7 -Object/Vehicle Contactd                    | 00      | No object/vehicle contacted    | <a href="#">more</a> |
| V0529 | Primary CDC Case Vehicle - event Number             | 1       | Event 1                        | <a href="#">more</a> |
| V0530 | Primary CDC Case Vehicle - Impact Speed (kph)       | 999     | Unknown                        | <a href="#">more</a> |
| V0531 | Primary CDC Case Vehicle- estimatr                  | 1       | Investigator                   | <a href="#">more</a> |
| V0532 | Primary CDC Case Vehicle - Crush (CM)               | 021     | Crush measurements in cm       | <a href="#">more</a> |
| V0533 | Primary CDC Case Vehicle- clock #1                  | 12      | 12 o'clock                     | <a href="#">more</a> |
| V0534 | Primary CDC Case Vehicle- Letter 1 #1               | 06      | F - Front                      | <a href="#">more</a> |
| V0535 | Primary CDC Case Vehicle- Letter 2 #1               | 04      | D - Distributed (Side or End)  | <a href="#">more</a> |
| V0536 | Primary CDC Case Vehicle- Letter 3 #1               | 05      | E - Everything below belt line | <a href="#">more</a> |
| V0537 | Primary CDC Case Vehicle- Letter 4 #1               | 23      | W - Wide impact area           | <a href="#">more</a> |
| V0538 | Primary CDC Case Vehicle Extent #1                  | 02      | Extent 2                       | <a href="#">more</a> |
| V0539 | Primary CDC - Contacted Vehicles Assoc CDC - CDC #1 | 12FDEW2 | —                              | —                    |
| V0540 | Primary CDC Case Vehicle- clock #2                  | 98      | Not Applicable                 | <a href="#">more</a> |
| V0541 | Primary CDC Case Vehicle- Letter 1 #2               | 00      | Missing Data/Not applicable    | <a href="#">more</a> |
| V0542 | Primary CDC Case Vehicle- Letter 2 #2               | 00      | Missing Data/Not applicable    | <a href="#">more</a> |
| V0543 | Primary CDC Case Vehicle- Letter 3 #2               | 00      | Missing Data/Not applicable    | <a href="#">more</a> |
| V0544 | Primary CDC Case Vehicle- Letter 4 #2               | 00      | Missing Data/Not applicable    | <a href="#">more</a> |
| V0545 | Primary CDC Case Vehicle Extent #2                  | 00      | Missing Data/Not applicable    | <a href="#">more</a> |
| V0546 | Primary CDC - Case Vehicle Assoc CDC - CDC #2       | 9800000 | —                              | —                    |

|       |   |          |                                       |                      |
|-------|---|----------|---------------------------------------|----------------------|
| V0547 | Primary CDC Contacted Vehicle - Impact Speed (kph)  | 999      | Unknown                               | <a href="#">more</a> |
| V0548 | Primary CDC Contacted Vehicle-estimator             | 1        | Investigator                          | <a href="#">more</a> |
| V0549 | Primary CDC Contacted Vehicle - Crush (CM)          | 999      | Unknown                               | <a href="#">more</a> |
| V0550 | Primary CDC Contacted Vehicle-clock #1              | 99       | Unknown or no damage                  | <a href="#">more</a> |
| V0551 | Primary CDC Contacted Vehicle-Letter 1 #1           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0552 | Primary CDC Contacted Vehicle-Letter 2 #1           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0553 | Primary CDC Contacted Vehicle-Letter 3 #1           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0554 | Primary CDC Contacted Vehicle-Letter 4 #1           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0555 | Primary CDC Contacted Vehicle Extent #1             | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0556 | primary CDC - Contacted Vehicles Assoc CDC - CDC #1 | 99000000 | —                                     | —                    |
| V0557 | Primary CDC Contacted Vehicle-clock #2              | 99       | Unknown or no damage                  | <a href="#">more</a> |
| V0558 | Primary CDC Contacted Vehicle-Letter 1 #2           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0559 | Primary CDC Contacted Vehicle-Letter 2 #2           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0560 | Primary CDC Contacted Vehicle-Letter 3 #2           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0561 | Primary CDC Contacted Vehicle-Letter 4 #2           | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0562 | Primary CDC Contacted Vehicle Extent #2             | 00       | Missing Data/Not applicable           | <a href="#">more</a> |
| V0563 | Primary CDC - Contacted Vehicles Assoc CDC - CDC #2 | 99000000 | —                                     | —                    |
| V0564 | Secondary CDC Case Vehicle-event No                 | 8        | Not applicable                        | <a href="#">more</a> |
| V0565 | Secondary CDC Case Vehicle - Impact Speed (kph)     | 998      | Not Applicable                        | <a href="#">more</a> |
| V0566 | Secondary CDC Case Vehicle-estimator                | 8        | Not applicable (no vehicle/no impact) | <a href="#">more</a> |
| V0567 | Secondary CDC Case Vehicle - Crush (CM)             | 998      | Not Applicable                        | <a href="#">more</a> |



|       |   |         |                                       |                      |
|-------|---|---------|---------------------------------------|----------------------|
| V0568 | Secondary CDC Case<br>Vehicle-clock #1                  | 98      | Not Applicable                        | <a href="#">more</a> |
| V0569 | Secondary CDC Case<br>Vehicle-Letter 1 #1               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0570 | Secondary CDC Case<br>Vehicle-Letter 2 #1               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0571 | Secondary CDC Case<br>Vehicle-Letter 3 #1               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0572 | Secondary CDC Case<br>Vehicle-Letter 4 #1               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0573 | Secondary CDC Case<br>Vehicle Extent #1                 | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0574 | Secondary CDC - Case<br>Vehicle Assoc CDC - CDC<br>#1   | 9800000 | —                                     | —                    |
| V0575 | Secondary CDC Case<br>Vehicle-clock #2                  | 98      | Not Applicable                        | <a href="#">more</a> |
| V0576 | Secondary CDC Case<br>Vehicle-Letter 1 #2               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0577 | Secondary CDC Case<br>Vehicle-Letter 2 #2               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0578 | Secondary CDC Case<br>Vehicle-Letter 3 #2               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0579 | Secondary CDC Case<br>Vehicle-Letter 4 #2               | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0580 | Secondary CDC Case<br>Vehicle Extent #2                 | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0581 | Secondary CDC - Case<br>Vehicle Assoc CDC - CDC<br>#2   | 9800000 | —                                     | —                    |
| V0582 | Secondary CDC Contacted<br>Vehicle - Impact Speed (kph) | 998     | Not Applicable                        | <a href="#">more</a> |
| V0583 | Secondary CDC Contacted<br>Vehicle-estimator            | 8       | Not applicable (no vehicle/no impact) | <a href="#">more</a> |
| V0584 | Secondary CDC Contacted<br>Vehicle - Crush (CM)         | 998     | Not Applicable                        | <a href="#">more</a> |
| V0585 | Secondary CDC Contacted<br>Vehicle-clock #1             | 98      | Not Applicable                        | <a href="#">more</a> |
| V0586 | Secondary CDC Contacted<br>Vehicle-Letter 1 #1          | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0587 | Secondary CDC Contacted<br>Vehicle-Letter 2 #1          | 00      | Missing Data/Not applicable           | <a href="#">more</a> |
| V0588 | Secondary CDC Contacted<br>Vehicle-Letter 3 #1          | 00      | Missing Data/Not applicable           | <a href="#">more</a> |



|       |  |         |                             |                      |
|-------|--|---------|-----------------------------|----------------------|
| V0589 | Secondary CDC Contacted Vehicle-Letter 4 #1          | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0590 | Secondary CDC Contacted Vehicle Extent #1            | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0591 | Secondary CDC - Contacted Vehicle Assoc CDC - CDC #1 | 9800000 | —                           | —                    |
| V0592 | Secondary CDC Contacted Vehicle-clock #2             | 98      | Not Applicable              | <a href="#">more</a> |
| V0593 | Secondary CDC Contacted Vehicle-Letter 1 #2          | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0594 | Secondary CDC Contacted Vehicle-Letter 2 #2          | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0595 | Secondary CDC Contacted Vehicle-Letter 3 #2          | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0596 | Secondary CDC Contacted Vehicle-Letter 4 #2          | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0597 | Secondary CDC Contacted Vehicle Extent #2            | 00      | Missing Data/Not applicable | <a href="#">more</a> |
| V0598 | Secondary CDC - Contacted Vehicle Assoc CDC - CDC #2 | 9800000 | —                           | —                    |

## Crash Reconstruction

[Back to Top](#)

| Variable Number | Variable Name  | Code Value | Code Description                         | Other Options        |
|-----------------|--|------------|--|----------------------|
| V0601           | Primary Delta-V Case Vehicle-event #                         | 1          | Event number 1                           | <a href="#">more</a> |
| V0602           | Primary Delta V Case Vehicle - Total Delta V                 | 033 kph    | kph                                      | <a href="#">more</a> |
| V0603           | Primary delta-V Case Vehicle -LONGITUD                       | -033       | —  | —                    |
| V0604           | Primary delta-V Case Vehicle-Lateral                         | 0000       | —  | —                    |
| V0605           | Primary Delta V Case Vehicle - Energy Dissipated by Crush (k | 0057       | —  | —                    |
| V0606           | Primary Delta-V Case Vehicle-Reconstruction                  | 22         | Reconstructed, moderate confidence level | <a href="#">more</a> |
| V0607           | Primary Delta-V Case Vehicle- Mode                           | 2          | CDC & detailed damage                    | <a href="#">more</a> |
| V0608           | Primary Delta V Contacted                                    | 036 kph    | kph                                      | <a href="#">more</a> |

|       |  |         |                                    |                      |
|-------|--|---------|------------------------------------|----------------------|
|       | Vehicle - Total Delta V                                      |         |                                    |                      |
| V0609 | Primary delta-V Contacted Vehicle-LONGITUD                   | 0036    | —                                  | —                    |
| V0610 | Primary delta-V Contacted Vehicle-Lateral                    | 0000    | —                                  | —                    |
| V0611 | Primary delta-V Contacted Vehicle - Energy Dissipated by Cru | 0133    | —                                  | —                    |
| V0612 | Secondary Delta-V Case Vehicle-event #                       | 8       | Not applicable                     | <a href="#">more</a> |
| V0613 | Secondary Delta V Case Vehicle - Total Delta V               | 888     | Not applicable                     | <a href="#">more</a> |
| V0614 | Secondarydelta-V Case Vehicle -LONGITUD                      | 8888    | —                                  | —                    |
| V0615 | Secondary delta-V Case Vehicle-Lateral                       | 8888    | —                                  | —                    |
| V0616 | Secondary delta-V Case Vehicle - Energy Dissipated by Crush  | 8888    | —                                  | —                    |
| V0617 | Secondary Delta-V Case Vehicle-Reconstruction                | 88      | Not applicable                     | <a href="#">more</a> |
| V0618 | Secondary Delta-V Case Vehicle- Mode                         | 8       | Not applicable                     | <a href="#">more</a> |
| V0619 | Secondary Delta V Contacted Vehicle - Total Delta V          | 888     | Not applicable                     | <a href="#">more</a> |
| V0620 | Secondary delta-V Contacted Vehicle-LONGITUD                 | 8888    | —                                  | —                    |
| V0621 | Secondary delta-V Contacted Vehicle-Lateral                  | 8888    | —                                  | —                    |
| V0622 | Secondary delta-V Contacted Vehicle - Energy Dissipated By C | 8888    | —                                  | —                    |
| V0623 | Primary EBS Case Vehicle-event #                             | 1       | Event number 1                     | <a href="#">more</a> |
| V0624 | Primary EBS Case Vehicle - Total EBS                         | 033 kph | kph                                | <a href="#">more</a> |
| V0625 | Primary EBS Case Vehicle - LONGITUD                          | -033    | —                                  | —                    |
| V0626 | Primary EBS Case Vehicle-Lateral                             | 0000    | —                                  | —                    |
| V0627 | Primary EBS Case Vehicle - Energy Dissipated by Crush (kj)   | 0057    | —                                  | —                    |
|       | Primary EBS Case Vehicle-                                    |         | Reconstructed, moderate confidence |                      |

|       |  |         |                       |                      |
|-------|--|---------|-----------------------|----------------------|
| V0628 | Reconstruction   | 22      | level                 | <a href="#">more</a> |
| V0629 | Primary EBS Case Vehicle-Mode                                | 2       | CDC & detailed damage | <a href="#">more</a> |
| V0630 | Primary EBS Contacted Vehicle - Total EBS                    | 036 kph | kph                   | <a href="#">more</a> |
| V0631 | Primary EBS Contacted Vehicle-LONGITUD                       | 0036    | —                     | —                    |
| V0632 | Primary EBS Contacted Vehicle-Lateral                        | 0000    | —                     | —                    |
| V0633 | Primary EBS Contact Vehicle - Energy Dissipated by Crush (kj | 0133    | —                     | —                    |
| V0634 | Secondary EBS Case Vehicle-event #                           | 8       | Not applicable        | <a href="#">more</a> |
| V0635 | Secondary EBS Case Vehicle - Total EBS                       | 888     | Not Applicable        | <a href="#">more</a> |
| V0636 | Secondary EBS Case Vehicle -LONGITUD                         | 8888    | —                     | —                    |
| V0637 | Secondary EBS Case Vehicle-Lateral                           | 8888    | —                     | —                    |
| V0638 | Secondary EBS Case Vehicle - Energy Dissipated by Crush (kj) | 8888    | —                     | —                    |
| V0639 | Secondary EBS Case Vehicle-Reconstruction                    | 88      | Not applicable        | <a href="#">more</a> |
| V0640 | Secondary EBS Case Vehicle- Mode                             | 8       | Not applicable        | <a href="#">more</a> |
| V0641 | Secondary EBS Contacted Vehicle - Total EBS                  | 888     | Not Applicable        | <a href="#">more</a> |
| V0642 | Secondary EBS Contacted Vehicle-LONGITUD                     | 8888    | —                     | —                    |
| V0643 | Secondary EBS Contacted Vehicle-Lateral                      | 8888    | —                     | —                    |
| V0644 | Secondary EBS Contact Vehicle - Energy Dissipated by Crush ( | 8888    | —                     | —                    |
| V0645 | Specific Event # Case(1)                                     | 1       | Event number 1        | <a href="#">more</a> |
| V0646 | Plane of Impact Case Vehicle (1)                             | 1       | Bumper                | <a href="#">more</a> |
| V0647 | Direct Damage Length (DDL) - Case Vehicle (1)                | 146 cm  | cm                    | <a href="#">more</a> |
| V0648 | Direct Damage Maximum Crush - Case Vehicle (1)               | 021 cm  | cm                    | <a href="#">more</a> |
|       |  |         |                       |                      |

|       |  |         |                |                      |
|-------|--|---------|----------------|----------------------|
| V0649 | Direct and Induced Damage Length in CM                       | 142 cm  | cm             | <a href="#">more</a> |
| V0650 | Field C1 - Case Vehicle (1)                                  | 013 cm  | cm             | <a href="#">more</a> |
| V0651 | Field C2 - Case Vehicle (1)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0652 | Field C3 - Case Vehicle (1)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0653 | Field C4 - Case Vehicle (1)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0654 | Field C5 - Case Vehicle (1)                                  | 020 cm  | cm             | <a href="#">more</a> |
| V0655 | Field C6 - Case Vehicle (1)                                  | 019 cm  | cm             | <a href="#">more</a> |
| V0656 | Direct Damage D Value = The Center of Direct Damage Offset t | +000 cm | Offset (cm)    | <a href="#">more</a> |
| V0657 | Specific Event # Case(2)                                     | 1       | Event number 1 | <a href="#">more</a> |
| V0658 | Plane of Impact Case Vehicle (2)                             | 1       | Bumper         | <a href="#">more</a> |
| V0659 | Direct Damage Length (DDL) - Case Vehicle (2)                | 146 cm  | cm             | <a href="#">more</a> |
| V0660 | Direct Damage MaximumCrush - Case Vehicle (2)                | 021 cm  | cm             | <a href="#">more</a> |
| V0661 | Direct and Induced Damage Length in CM                       | 142 cm  | cm             | <a href="#">more</a> |
| V0662 | Field C1 - Case Vehicle (2)                                  | 013 cm  | cm             | <a href="#">more</a> |
| V0663 | Field C2 - Case Vehicle (2)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0664 | Field C3 - Case Vehicle (2)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0665 | Field C4 - Case Vehicle (2)                                  | 021 cm  | cm             | <a href="#">more</a> |
| V0666 | Field C5 - Case Vehicle (2)                                  | 020 cm  | cm             | <a href="#">more</a> |
| V0667 | Field C6 - Case Vehicle (2)                                  | 019 cm  | cm             | <a href="#">more</a> |
| V0668 | Direct Damage D Value = The Center of Direct Damage Offset t | +000 cm | cm             | <a href="#">more</a> |
| V0669 | Specific Event # Cont(1)                                     | 1       | Event number 1 | <a href="#">more</a> |
| V0670 | Plane of Impact Contacted Vehicle(1)                         | 9       | Unknown        | <a href="#">more</a> |
| V0671 | Direct Damage Length (DDL) - Contacted Vehicle (1)           | 999     | Unknown        | <a href="#">more</a> |
| V0672 | Direct Damage Maximum Crush - Contacted Vehicle (1)          | 999     | Unknown        | <a href="#">more</a> |
| V0673 | Field L - Contacted Vehicle (1)                              | 999     | Unknown        | <a href="#">more</a> |
|       | Field C1 - Contacted Vehicle                                 |         |                |                      |

|       |  |         |              |                      |
|-------|--|---------|--------------|----------------------|
| V0674 | (1)  | 999     | Unknown      | <a href="#">more</a> |
| V0675 | Field C2 - Contacted Vehicle (1)                             | 999     | Unknown      | <a href="#">more</a> |
| V0676 | Field C3 - Contacted Vehicle (1)                             | 999     | Unknown      | <a href="#">more</a> |
| V0677 | Field C4 - Contacted Vehicle (1)                             | 999     | Unknown      | <a href="#">more</a> |
| V0678 | Field C5 - Contacted Vehicle (1)                             | 999     | Unknown      | <a href="#">more</a> |
| V0679 | Field C6 - Contacted Vehicle (1)                             | 999     | Unknown      | <a href="#">more</a> |
| V0680 | Direct Damage D Value = The Center of Direct Damage Offset t | +999 cm | offset (cm)  | <a href="#">more</a> |
| V0681 | Specific Event # Contacted Vehicle (2)                       | 1       | Event number | <a href="#">more</a> |
| V0682 | Plane of Impact Contacted Vehicle(2)                         | 9       | Unknown      | <a href="#">more</a> |
| V0683 | Direct Damage Length (DDL) - Contacted Vehicle (2)           | 999     | Unknown      | <a href="#">more</a> |
| V0684 | Direct Damage Maximum Crush - Contacted Vehicle (2)          | 999     | Unknown      | <a href="#">more</a> |
| V0685 | Direct and Induced Damage Length in CM                       | 999     | Unknown      | <a href="#">more</a> |
| V0686 | Field C1 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0687 | Field C2 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0688 | Field C3 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0689 | Field C4 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0690 | Field C5 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0691 | Field C6 - Contacted Vehicle (2)                             | 999     | Unknown      | <a href="#">more</a> |
| V0692 | Direct Damage D Value = The Center of Direct Damage Offset t | +999 cm | Offset (cm)  | <a href="#">more</a> |

## Case Vehicle Tires & Rims

[Back to Top](#)

| Variable Number | Variable Name                        | Code Value | Code Description               | Other Options        |
|-----------------|--------------------------------------|------------|--------------------------------|----------------------|
| V0701           | Left Front Wheel Damaged             | 0          | No                             | <a href="#">more</a> |
| V0702           | Right Front Wheel Damaged            | 0          | No                             | <a href="#">more</a> |
| V0703           | Right Rear Wheel Damaged             | 0          | No                             | <a href="#">more</a> |
| V0704           | Left Rear Wheel Damaged              | 0          | No                             | <a href="#">more</a> |
| V0705           | Left Front Tire Tread Type           | 4          | All Weather                    | <a href="#">more</a> |
| V0706           | Right Front Tire Tread Type          | 4          | All Weather                    | <a href="#">more</a> |
| V0707           | Right Rear Tire Tread Type           | 4          | All Weather                    | <a href="#">more</a> |
| V0708           | Left Rear Tire Tread Type            | 4          | All Weather                    | <a href="#">more</a> |
| V0709           | Left Front Carcass Construction      | 3          | Radial                         | <a href="#">more</a> |
| V0710           | Right Front Carcass Construction     | 3          | Radial                         | <a href="#">more</a> |
| V0711           | Right Rear Carcass Construction      | 3          | Radial                         | <a href="#">more</a> |
| V0712           | Left Rear Carcass Construction       | 3          | Radial                         | <a href="#">more</a> |
| V0713           | Left Front Tire Condition Precrash   | 0          | Normal - no pre-crash problems | <a href="#">more</a> |
| V0714           | Right Front Tire Condition Precrash  | 0          | Normal - no pre-crash problems | <a href="#">more</a> |
| V0715           | Right Rear Tire Condition Precrash   | 0          | Normal - no pre-crash problems | <a href="#">more</a> |
| V0716           | Left Rear Tire Condition Precrash    | 0          | Normal - no pre-crash problems | <a href="#">more</a> |
| V0717           | Left Front Tire Condition Postcrash  | 0          | Normal - no damage to tire     | <a href="#">more</a> |
| V0718           | Right Front Tire Condition Postcrash | 0          | Normal - no damage to tire     | <a href="#">more</a> |
| V0719           | Right Rear Tire Condition Postcrash  | 0          | Normal - no damage to tire     | <a href="#">more</a> |
| V0720           | Left Rear Tire Condition Postcrash   | 0          | Normal - no damage to tire     | <a href="#">more</a> |
| V0721           | Left Front Tire Involvement          | 0          | No                             | <a href="#">more</a> |
| V0722           | Right Front Tire Involvement         | 0          | No                             | <a href="#">more</a> |
| V0723           | Right Rear Tire Involvement          | 0          | No                             | <a href="#">more</a> |
| V0724           | Left Rear Tire Involvement           | 0          | No                             | <a href="#">more</a> |
| V0725           | Left Front Tire Size                 | P22560R15  | —                              | —                    |
| V0726           | Right Front Tire Size                | P22560R15  | —                              | —                    |
|                 |                                      |            |                                |                      |

|       |  |           |                             |                      |
|-------|--|-----------|-----------------------------|----------------------|
| V0727 | Right Rear Tire Size                           | P22560R15 | —                           | —                    |
| V0728 | Left Rear Tire Size                            | P22560R15 | —                           | —                    |
| V0729 | Left Front Tire Pressure<br>(recorded in psi)  | 29.5 psi  | Actual tire pressure in psi | <a href="#">more</a> |
| V0730 | Right Front Tire Pressure<br>(recorded in psi) | 31.0 psi  | Actual tire pressure in psi | <a href="#">more</a> |
| V0731 | Right Rear Tire Pressure<br>(recorded in psi)  | 33.5 psi  | Actual tire pressure in psi | <a href="#">more</a> |
| V0732 | Left Rear Tire Pressure<br>(recorded in psi)   | 22.5 psi  | Actual tire pressure in psi | <a href="#">more</a> |
| V0733 | Left Front Tread Depth                         | 06        | 06/32"                      | <a href="#">more</a> |
| V0734 | Right Front Tread Depth                        | 05        | 05/32"                      | <a href="#">more</a> |
| V0735 | Right Rear Tread Depth                         | 02        | 02/32"                      | <a href="#">more</a> |
| V0736 | Left Rear Tread Depth                          | 03        | 03/32"                      | <a href="#">more</a> |

### Case Vehicle Fuel Tank

[Back to Top](#)

| Variable Number | Variable Name            | Code Value | Code Description                                  | Other Options        |
|-----------------|--------------------------|------------|---|----------------------|
| V0801           | Propulsive Fuel Type     | 1          | Gasoline  | <a href="#">more</a> |
| V0802           | Main Tank Location       | 322        | Within frame/centered laterally - within vertical | <a href="#">more</a> |
| V0803           | Main Filler Cap Location | 113        | Left of frame laterally - above vertically        | <a href="#">more</a> |
| V0804           | Main Tank Material       | 9          | Unknown   | <a href="#">more</a> |
| V0805           | Aux Tank Type            | 8          | Not applicable (not equipped)                     | <a href="#">more</a> |
| V0806           | Aux Tank Location        | 888        | Not applicable (not equipped)                     | <a href="#">more</a> |
| V0807           | Aux Filler Cap Location  | 888        | Not applicable (not equipped)                     | <a href="#">more</a> |
| V0808           | Aux Tank Material        | 8          | Not applicable                                    | <a href="#">more</a> |

### Case Vehicle Fuel Leakage

[Back to Top](#)

| Variable Number | Variable Name           | Code Value | Code Description | Other Options        |
|-----------------|-------------------------|------------|------------------|----------------------|
| V0901           | Fuel Leakage From Crash | 0          | No               | <a href="#">more</a> |

### Case Vehicle Fire

[Back to Top](#)

| Variable Number | Variable Name | Code Value | Code Description | Other Options |
|-----------------|---------------|------------|------------------|---------------|
|                 |               |            |                  |               |

|       |                            |   |    |                      |
|-------|----------------------------|---|----|----------------------|
| V1001 | Fire In Or On Case Vehicle | 0 | No | <a href="#">more</a> |
|-------|----------------------------|---|----|----------------------|

## Case Vehicle Exterior

[Back to Top](#)

| Variable Number | Variable Name  | Code Value | Code Description          | Other Options        |
|-----------------|--|------------|---------------------------|----------------------|
| V1101           | Hood Latch Released                                      | 1          | Yes                       | <a href="#">more</a> |
| V1102           | Hood Latch Damaged                                       | 1          | Yes                       | <a href="#">more</a> |
| V1103           | Hood Latch Jammed  | 0          | No                        | <a href="#">more</a> |
| V1104           | Left Hood Hinge Damaged                                  | 1          | Yes                       | <a href="#">more</a> |
| V1105           | Left Hood Hinge Separated                                | 0          | No                        | <a href="#">more</a> |
| V1106           | Right Hood Hinge Damaged                                 | 1          | Yes                       | <a href="#">more</a> |
| V1107           | Right Hood Hinge Separated                               | 0          | No                        | <a href="#">more</a> |
| V1108           | Hood Remained On Vehicle                                 | 1          | Yes                       | <a href="#">more</a> |
| V1109           | Rear Hood Edge Elevated                                  | 1          | Yes                       | <a href="#">more</a> |
| V1110           | Edge Contacted Windshield                                | 0          | No                        | <a href="#">more</a> |
| V1111           | Edge Penetrated Windshield                               | 8          | Not applicable            | <a href="#">more</a> |
| V1112           | Hood Latch Location                                      | 1          | Front of Vehicle          | <a href="#">more</a> |
| V1113           | Eng/transmissn Mount Separated                           | 0          | No                        | <a href="#">more</a> |
| V1114           | Steering Column Flex Couplng                             | 9          | Unknown if equipped       | <a href="#">more</a> |
| V1115           | Steering Column Coupling Dam                             | 9          | Unknown                   | <a href="#">more</a> |
| V1116           | Steering Column Coupling Separated                       | 9          | Unknown                   | <a href="#">more</a> |
| V1117           | Eng Comp Telescopng Unit                                 | 88         | Not currently collected   | <a href="#">more</a> |
| V1118           | Compartment Unit's Original/telescoped Length Difference | 888        | Not currently collected   | <a href="#">more</a> |
| V1119           | Left Side Body Mount Separated                           | 8          | Not applicable (unitized) | <a href="#">more</a> |
| V1120           | Upper Left A-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1121           | Lower Left A-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1122           | Upper Left B-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1123           | Lower Left B-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1124           | Upper Left C-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1125           | Lower Left C-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1126           | Upper Left D-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |
| V1127           | Lower Left D-pillar Sep                                  | 0          | No                        | <a href="#">more</a> |



|       |                                 |    |                           |                      |
|-------|---------------------------------|----|---------------------------|----------------------|
| V1128 | Left Front Door Opening Cause   | 00 | Door did not open         | <a href="#">more</a> |
| V1129 | Left Rear Door Opening Cause    | 00 | Door did not open         | <a href="#">more</a> |
| V1130 | Left Front Door Jammed Closed   | 0  | No                        | <a href="#">more</a> |
| V1131 | Left Rear Door Jammed Closed    | 0  | No                        | <a href="#">more</a> |
| V1132 | Van Left Rear Door Type         | 1  | Track (sliding)           | <a href="#">more</a> |
| V1133 | Left Front Glazing Availability | 2  | Closed                    | <a href="#">more</a> |
| V1134 | Left Rear Glazing Availability  | 2  | Closed                    | <a href="#">more</a> |
| V1135 | Lr2 Glazing Availability        | 2  | Closed                    | <a href="#">more</a> |
| V1136 | Left Front Glazing Damage       | 0  | No damage                 | <a href="#">more</a> |
| V1137 | Left Rear Glazing Damage        | 0  | No damage                 | <a href="#">more</a> |
| V1138 | Lr2 Glazing Damage              | 0  | No damage                 | <a href="#">more</a> |
| V1139 | Rear Door Type                  | 2  | One-way tailgate          | <a href="#">more</a> |
| V1140 | Rear Door Opening Cause         | 0  | Door did not open         | <a href="#">more</a> |
| V1141 | Rear Door Jammed Closed         | 0  | No                        | <a href="#">more</a> |
| V1142 | Rear Glazng Availability        | 1  | Fixed                     | <a href="#">more</a> |
| V1143 | Rear Glazing Damage             | 0  | No damage                 | <a href="#">more</a> |
| V1144 | Luggage Partition Damaged       | 8  | Not applicable            | <a href="#">more</a> |
| V1145 | Spare Tire Status               | 8  | Not collected             | <a href="#">more</a> |
| V1146 | Trailer Hitch Type              | 0  | No hitch                  | <a href="#">more</a> |
| V1147 | Trailer Type                    | 0  | No trailer                | <a href="#">more</a> |
| V1148 | Rght Side Body Mount Separated  | 8  | Not applicable (unitized) | <a href="#">more</a> |
| V1149 | Upper Right A-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1150 | Lower Right A-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1151 | Upper Right B-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1152 | Lower Right B-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1153 | Upper Right C-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1154 | Lower Right C-pillar Separated  | 0  | No                        | <a href="#">more</a> |
| V1155 | Upper Right D-pillar            | 0  | No                        | <a href="#">more</a> |

|       |                                  |    |   |                      |
|-------|----------------------------------|----|---|----------------------|
|       | Separated                        |    |   |                      |
| V1156 | Lower Right D-pillar Separated   | 0  | No  | <a href="#">more</a> |
| V1157 | Right Front Door Opening Cause   | 00 | Door did not open                                     | <a href="#">more</a> |
| V1158 | Right Rear Door Opening Cause    | 00 | Door did not open                                     | <a href="#">more</a> |
| V1159 | Right Front Door Jammed Closed   | 0  | No  | <a href="#">more</a> |
| V1160 | Right Rear Door Jammed Closed    | 0  | No  | <a href="#">more</a> |
| V1161 | Van Right-rear Door Type         | 1  | Track (sliding)                                       | <a href="#">more</a> |
| V1162 | Right Front Glazing Availability | 2  | Closed  | <a href="#">more</a> |
| V1163 | Right Rear Glazing Availability  | 2  | Closed  | <a href="#">more</a> |
| V1164 | Rr2 Glazing Availability         | 2  | Closed  | <a href="#">more</a> |
| V1165 | Right Front Glazing Damage       | 0  | No damage   | <a href="#">more</a> |
| V1166 | Right Rear Glazing Damage        | 0  | No damage   | <a href="#">more</a> |
| V1167 | Rr2 Glazing Damage               | 0  | No damage   | <a href="#">more</a> |
| V1168 | Windshield Cracked               | 1  | Yes   | <a href="#">more</a> |
| V1169 | Windshield Broken                | 0  | No <a href="#">Click for Windshield Damage figure</a> | <a href="#">more</a> |
| V1170 | Occupant Cracked/Broke Wndshld   | 1  | Yes   | <a href="#">more</a> |
| V1171 | Bond Separation Extent           | 0  | None  | <a href="#">more</a> |
| V1172 | Windshield Code                  | 97 | <a href="#">Click for Windshield Mark figure</a>      | <a href="#">more</a> |
| V1173 | Did Sun Roof/T-Roof Open         | 8  | Not Applicable  | <a href="#">more</a> |

## Case Vehicle Steering Column/Rim

[Back to Top](#)

| Variable Number | Variable Name                         | Code Value | Code Description | Other Options        |
|-----------------|---------------------------------------|------------|------------------|----------------------|
| V1201           | Steering Wheel Rim Damage             | 0          | None             | <a href="#">more</a> |
| V1202           | Number of Steering Wheel Spokes       | 4          | 4 spokes         | <a href="#">more</a> |
| V1203           | Steering Wheel Spoke Damage           | 0          | None             | <a href="#">more</a> |
| V1204           | Steering Wheel Hub Damage             | 0          | None             | <a href="#">more</a> |
| V1205           | Steering Wheel Location of Rim Damage | 0          | No damage        | <a href="#">more</a> |
|                 |                                       |            |                  |                      |

|       |   |     |                         |                      |
|-------|---|-----|-------------------------|----------------------|
| V1206 | Aftermarket Add-on Device                                 | 0   | None                    | <a href="#">more</a> |
| V1207 | Column Tilt Feature                                       | 1   | Yes, equipped           | <a href="#">more</a> |
| V1208 | Column Swing-away Feature                                 | 0   | Not equipped            | <a href="#">more</a> |
| V1209 | Column Telescoping Feature                                | 0   | Not equipped            | <a href="#">more</a> |
| V1210 | Wheel Energy Absorb Device                                | 8   | Not currently collected | <a href="#">more</a> |
| V1211 | Wheel EA Device's original/damage Dimension Difference    | 888 | Not collected           | <a href="#">more</a> |
| V1212 | Column Energy Absorb Device                               | 88  | Not collected           | <a href="#">more</a> |
| V1213 | Col EA Device's Orig/compressed (or Extruded) Length Diff | 888 | Not collected           | <a href="#">more</a> |
| V1214 | Shear Capsule Separation                                  | 888 | Not collected           | <a href="#">more</a> |
| V1215 | Column Vertical Rotation                                  | 0   | No apparent rotation    | <a href="#">more</a> |
| V1216 | Column Lateral Rotation                                   | 0   | No apparent rotation    | <a href="#">more</a> |

## Case Vehicle Intrusion

[Back to Top](#)

| Variable Number | Variable Name                     | Code Value | Code Description  | Other Options        |
|-----------------|-----------------------------------|------------|---|----------------------|
| V1301           | Was Occupant Compartment Intruded | 0          | No<br><a href="#">Click for Intrusion Worksheet figure</a><br><a href="#">Click for Occupant Contact Figure</a> | <a href="#">more</a> |
| V1302           | Was Intrusn Catastrophic          | 8          | Not applicable  | <a href="#">more</a> |
| V1303           | Intrusion #1                      | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1304           | Occupant Space Number(1)          | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1305           | Intrud Component/obj (1)          | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1306           | Associate Event Numb (1)          | 9          | Unknown or data not collected   | <a href="#">more</a> |
| V1307           | Maximum Intrusion X Axis          | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1308           | Maximum Intrusion Y Axis          | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1309           | Maximum Intrusion Z Axis          | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1310           | Occupant Number #1 (1)            | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1311           | Injury #1 (1)                     | 99         | Contact, injury unknown or data not collected   | <a href="#">more</a> |
| V1312           | Occupant Number #2 (1)            | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1313           | Injury #2 (1)                     | 99         | Contact, injury unknown or data not collected   | <a href="#">more</a> |
| V1314           | Intrusion Number #2               | 99         | Unknown or data not collected   | <a href="#">more</a> |
| V1315           | Occupant Space Number(2)          | 99         | Unknown or data not collected   | <a href="#">more</a> |

|       |                          |    |   |                      |
|-------|--------------------------|----|---|----------------------|
| V1316 | Intrud Component/obj (2) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1317 | Associate Event Numb (2) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1318 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1319 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1320 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1321 | Occupant Number #1 (2)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1322 | Injury #1 (2)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1323 | Occupant Number #2 (2)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1324 | Injury Number #2 (2)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1325 | Intrusion Number #3      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1326 | Occupant Space Number(3) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1327 | Intrud Compnent/obj (3)  | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1328 | Associate Event Numb (3) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1329 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1330 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1331 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1332 | Occupant Number #1 (3)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1333 | Injury #1 (3)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1334 | Occupant Number #2 (3)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1335 | Injury Number #2 (3)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1336 | Intrusion Number #4      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1337 | Occupant Space Number(4) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1338 | Intrud Component/obj (4) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1339 | Associate Event Numb (4) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1340 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1341 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1342 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1343 | Occupant Number #1 (4)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1344 | Injury #1 (4)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1345 | Occupant Number #2 (4)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1346 | Injury Number #2 (4)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1347 | Intrusion Number #5      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1348 | Occupant Space Number(5) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
|       |                          |    |   |                      |

|       |                          |    |   |                      |
|-------|--------------------------|----|---|----------------------|
| V1349 | Intrud Component/obj (5) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1350 | Associate Event Numb (5) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1351 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1352 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1353 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1354 | Occupant Number #1 (5)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1355 | Injury #1 (5)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1356 | Occupant Number #2 (5)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1357 | Injury Number #2 (5)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1358 | Intrusion Number #6      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1359 | Occupant Space Number(6) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1360 | Intrud Component/obj (6) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1361 | Associate Event Numb (6) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1362 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1363 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1364 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1365 | Occupant Number #1 (6)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1366 | Injury #1 (6)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1367 | Occupant Number #2 (6)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1368 | Injury Number #2 (6)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1369 | Intrusion Number #7      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1370 | Occupant Space Number(7) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1371 | Intrud Component/obj (7) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1372 | Associate Event Numb (7) | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1373 | Maximum Intrusion X Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1374 | Maximum Intrusion Y Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1375 | Maximum Intrusion Z Axis | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1376 | Occupant Number #1 (7)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1377 | Injury #1 (7)            | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1378 | Occupant Number #2 (7)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1379 | Injury Number #2 (7)     | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1380 | Intrusion Number #8      | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1381 | Occupant Space Number(8) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
|       |                          |    |   |                      |

|       |                            |    |   |                      |
|-------|----------------------------|----|---|----------------------|
| V1382 | Intrud Component/obj (8)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1383 | Associate Event Numb (8)   | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1384 | Maximum Intrusion X Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1385 | Maximum Intrusion Y Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1386 | Maximum Intrusion Z Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1387 | Occupant Number #1 (8)     | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1388 | Injury #1 (8)              | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1389 | Occupant Number #2 (8)     | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1390 | Injury #2 (8)              | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1391 | Intrusion Number #9        | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1392 | Occupant Space Number(9)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1393 | Intrud Component/obj (9)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1394 | Associate Event Numb (9)   | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1395 | Maximum Intrusion X Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1396 | Maximum Intrusion Y Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1397 | Maximum Intrusion Z Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1398 | Occupant Number #1 (9)     | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1399 | Injury #1 (9)              | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1400 | Occupant Number #2 (9)     | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1401 | Injury Number #2 (9)       | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1402 | Intrusion Number #10       | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1403 | Occupant Space Number (10) | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1404 | Intrud Component/obj(10)   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1405 | Associate Event Numb(10)   | 9  | Unknown or data not collected                 | <a href="#">more</a> |
| V1406 | Maximum Intrusion X Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1407 | Maximum Intrusion Y Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1408 | Maximum Intrusion Z Axis   | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1409 | Occupant Number #1 (10)    | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1410 | Injury #1 (10)             | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1411 | Occupant Number #2 (10)    | 99 | Unknown or data not collected                 | <a href="#">more</a> |
| V1412 | Injury Number #2 (10)      | 99 | Contact, injury unknown or data not collected | <a href="#">more</a> |
| V1413 | Intrusion Number (a)       | 88 | Not Applicable                                | <a href="#">more</a> |
| V1414 | Cause Of Intrusion (a)     | 8  | Not applicable                                | <a href="#">more</a> |
|       |                            |    |   |                      |

|       |                         |    |                |                      |
|-------|-------------------------|----|----------------|----------------------|
| V1415 | Intrusion Number (b)    | 88 | Not Applicable | <a href="#">more</a> |
| V1416 | Cause Of Intrusion (b)  | 8  | Not applicable | <a href="#">more</a> |
| V1417 | Intrusion Number (c)    | 88 | Not Applicable | <a href="#">more</a> |
| V1418 | Cause Of Intrusion (c)  | 8  | Not applicable | <a href="#">more</a> |
| V1419 | Intrusion Number (a)    | 88 | Not Applicable | <a href="#">more</a> |
| V1420 | Damaged Component 1 (a) | 8  | Not Applicable | <a href="#">more</a> |
| V1421 | Damaged Component 2 (a) | 8  | Not Applicable | <a href="#">more</a> |
| V1422 | Intrusion Number (b)    | 88 | Not Applicable | <a href="#">more</a> |
| V1423 | Damaged Component 1 (b) | 8  | Not Applicable | <a href="#">more</a> |
| V1424 | Damaged Component 2 (b) | 8  | Not Applicable | <a href="#">more</a> |
| V1425 | Intrusion Number (c)    | 88 | Not Applicable | <a href="#">more</a> |
| V1426 | Damaged Component 1 (c) | 8  | Not Applicable | <a href="#">more</a> |
| V1427 | Damaged Component 2 (c) | 8  | Not Applicable | <a href="#">more</a> |
| V1428 | Intrusion Number (d)    | 88 | Not Applicable | <a href="#">more</a> |
| V1429 | Damaged Component 1 (d) | 8  | Not Applicable | <a href="#">more</a> |
| V1430 | Damaged Component 2 (d) | 8  | Not Applicable | <a href="#">more</a> |

### Case Vehicle Airbag(s)

[Back to Top](#)

| Variable Number | Variable Name               | Code Value | Code Description                                      | Other Options        |
|-----------------|-----------------------------|------------|---|----------------------|
| V1501           | Driver Airbag Equipped      | 1          | Yes <a href="#">Click for Driver Airbag figure</a>    | <a href="#">more</a> |
| V1502           | Right Front Airbag Equip    | 1          | Yes <a href="#">Click for Passenger Airbag figure</a> | <a href="#">more</a> |
| V1503           | Left Rear Airbag Equipped   | 0          | No  | <a href="#">more</a> |
| V1504           | Right Rear Airbag Equipped  | 0          | No  | <a href="#">more</a> |
| V1505           | Driver Airbag Deployed      | 1          | Yes   | <a href="#">more</a> |
| V1506           | Rght Front Airbag Deploy    | 1          | Yes   | <a href="#">more</a> |
| V1507           | Left Rear Airbag Deploy     | 8          | Not applicable (no airbag)                            | <a href="#">more</a> |
| V1508           | Rught Rear Airbag Deploy    | 8          | Not applicable (no airbag)                            | <a href="#">more</a> |
| V1509           | Driver On/off Switch        | 0          | Not equipped (no switch)                              | <a href="#">more</a> |
| V1510           | Rght Front On/off Switch    | 0          | Not equipped (no switch)                              | <a href="#">more</a> |
| V1511           | Left Rear On/off Switch     | 8          | Not applicable (no airbag)                            | <a href="#">more</a> |
| V1512           | Right Rear On/off Switch    | 8          | Not applicable (no airbag)                            | <a href="#">more</a> |
| V1513           | Driver Airbag Location      | 1          | Steering wheel  | <a href="#">more</a> |
| V1514           | Right Front Airbag Location | 3          | Mid instrument panel                                  | <a href="#">more</a> |
| V1515           | Left Rear Airbag Location   | 0          | No airbag   | <a href="#">more</a> |
| V1516           | Right Rear Airbag Location  | 0          | No airbag   | <a href="#">more</a> |
| V1517           | Driver Airbag Condition     | 0          | No damage   | <a href="#">more</a> |
|                 |                             |            |   |                      |



|       |                                   |   |  |                      |
|-------|-----------------------------------|---|--|----------------------|
| V1518 | Right Front Airbag Condition      | 0 | No damage                                    | <a href="#">more</a> |
| V1519 | Left Rear Airbag Condition        | 8 | Not applicable (not equipped / not deployed) | <a href="#">more</a> |
| V1520 | Right Rear Airbag Condition       | 8 | Not applicable (not equipped / not deployed) | <a href="#">more</a> |
| V1521 | Driver Airbag Tether              | 1 | Yes  | <a href="#">more</a> |
| V1522 | Right Front Airbag Tether         | 0 | No   | <a href="#">more</a> |
| V1523 | Left Rear Airbag Tether           | 8 | Not applicable                               | <a href="#">more</a> |
| V1524 | Right Rear Airbag Tether          | 8 | Not applicable                               | <a href="#">more</a> |
| V1525 | Driver Marked By Contact          | 0 | No   | <a href="#">more</a> |
| V1526 | Right Front Marked By Contact     | 0 | No   | <a href="#">more</a> |
| V1527 | Left Rear Marked By Contact       | 8 | Not applicable (no airbag / not deployed)    | <a href="#">more</a> |
| V1528 | Right Rear Marked By Contact      | 8 | Not applicable (no airbag / not deployed)    | <a href="#">more</a> |
| V1529 | Driver Module Type                | 1 | H-pattern flaps                              | <a href="#">more</a> |
| V1530 | Right Front Module Type           | 3 | U-pattern flaps                              | <a href="#">more</a> |
| V1531 | Left Rear Module Type             | 0 | No airbag present                            | <a href="#">more</a> |
| V1532 | Right Rear Module Type            | 0 | No airbag present                            | <a href="#">more</a> |
| V1533 | Driver Module Cover Dam.          | 1 | Flaps not damaged / marked                   | <a href="#">more</a> |
| V1534 | Right Front Module Cover Dam.     | 1 | Flaps not damaged / marked                   | <a href="#">more</a> |
| V1535 | Left Rear Module Cover Dam.       | 0 | No airbag                                    | <a href="#">more</a> |
| V1536 | Right Rear Module Cover Dam.      | 0 | No airbag                                    | <a href="#">more</a> |
| V1537 | Driver Airbag Type                | 1 | Original equipment                           | <a href="#">more</a> |
| V1538 | Right Front Airbag Type           | 1 | Original equipment                           | <a href="#">more</a> |
| V1539 | Left Rear Airbag Type             | 0 | No airbag                                    | <a href="#">more</a> |
| V1540 | Right Rear Airbag Type            | 0 | No airbag                                    | <a href="#">more</a> |
| V1541 | Driver Airbag Vents               | 2 | Vents present                                | <a href="#">more</a> |
| V1542 | Right Front Airbag Vents          | 2 | Vents present                                | <a href="#">more</a> |
| V1543 | Left Rear Airbag Vents            | 0 | No airbag                                    | <a href="#">more</a> |
| V1544 | Right Rear Airbag Vents           | 0 | No airbag                                    | <a href="#">more</a> |
| V1545 | Driver Knee Bolster Equipped      | 0 | No   | <a href="#">more</a> |
| V1546 | Right Front Knee Bolster Equipped | 0 | No   | <a href="#">more</a> |
| V1547 | Left Rear Knee Bolster Equipped   | 0 | No   | <a href="#">more</a> |



|       |                                  |   |                            |                      |
|-------|----------------------------------|---|----------------------------|----------------------|
| V1548 | Right Rear Knee Bolster Equipped | 0 | No                         | <a href="#">more</a> |
| V1549 | Driver Knee Bolster Deploy       | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1550 | Right Front Knee Bolster Deploy  | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1551 | Left Rear Knee Bolster Deploy    | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1552 | Right Rear Knee Bolster Deploy   | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1553 | Left Front Number of Tethers     | 2 | Tethers                    | <a href="#">more</a> |
| V1554 | Left Front Number of Vents       | 2 | Vents                      | <a href="#">more</a> |
| V1555 | Right Front Number of Tethers    | 0 | None                       | <a href="#">more</a> |
| V1556 | Right Front Number of Vents      | 1 | Vents                      | <a href="#">more</a> |
| V1557 | Left Rear Number of Tethers      | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1558 | Left Rear Number of Vents        | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1559 | Right Rear Number of Tethers     | 8 | Not applicable (no airbag) | <a href="#">more</a> |
| V1560 | Right Rear Number of Vents       | 8 | Not applicable (no airbag) | <a href="#">more</a> |

## Case Vehicle Interior

[Back to Top](#)

| Variable Number | Variable Name                | Code Value | Code Description     | Other Options        |
|-----------------|------------------------------|------------|----------------------|----------------------|
| V1601           | Left Front Door Damaged      | 0          | No                   | <a href="#">more</a> |
| V1602           | Right Front Door Damaged     | 0          | No                   | <a href="#">more</a> |
| V1603           | Left Front Hardware Damaged  | 0          | No                   | <a href="#">more</a> |
| V1604           | Right Front Hardware Damaged | 0          | No                   | <a href="#">more</a> |
| V1605           | Left Front Armrest Damaged   | 3          | No, occupant contact | <a href="#">more</a> |
| V1606           | Right Front Armrest Damaged  | 0          | No                   | <a href="#">more</a> |
| V1607           | Left Front Glass Damaged     | 0          | No                   | <a href="#">more</a> |
| V1608           | Right Front Glass Damaged    | 0          | No                   | <a href="#">more</a> |
| V1609           | Left Rear Door Area Damaged  | 0          | No                   | <a href="#">more</a> |
| V1610           | Right Rear Door Area Damaged | 0          | No                   | <a href="#">more</a> |
| V1611           | Left Rear Hardware Damaged   | 0          | No                   | <a href="#">more</a> |
|                 |                              |            |                      |                      |

|       |                              |   |                      |                      |
|-------|------------------------------|---|----------------------|----------------------|
| V1612 | Right Rear Hardware Damaged  | 0 | No                   | <a href="#">more</a> |
| V1613 | Left Rear Armrest Damaged    | 0 | No                   | <a href="#">more</a> |
| V1614 | Right Rear Armrest Damaged   | 0 | No                   | <a href="#">more</a> |
| V1615 | Left Rear Glass Damaged      | 0 | No                   | <a href="#">more</a> |
| V1616 | Right Rear Glass Damaged     | 0 | No                   | <a href="#">more</a> |
| V1617 | Left Roof Side Rail Damaged  | 0 | No                   | <a href="#">more</a> |
| V1618 | Right Roof Side Rail Damaged | 0 | No                   | <a href="#">more</a> |
| V1619 | Left B-pillar Damaged        | 0 | No                   | <a href="#">more</a> |
| V1620 | Right B-pillar Damaged       | 0 | No                   | <a href="#">more</a> |
| V1621 | Left C-pillar Damaged        | 0 | No                   | <a href="#">more</a> |
| V1622 | Right C-pillar Damaged       | 0 | No                   | <a href="#">more</a> |
| V1623 | Left D-pillar Damaged        | 0 | No                   | <a href="#">more</a> |
| V1624 | Right D-pillar Damaged       | 0 | No                   | <a href="#">more</a> |
| V1625 | Left Headlining Damaged      | 3 | No, occupant contact | <a href="#">more</a> |
| V1626 | Right Headlining Damaged     | 0 | No                   | <a href="#">more</a> |
| V1627 | Left Roof Structure Damaged  | 0 | No                   | <a href="#">more</a> |
| V1628 | Right Roof Structure Damaged | 0 | No                   | <a href="#">more</a> |
| V1629 | Left T/sun Roof Damaged      | 8 | Not applicable       | <a href="#">more</a> |
| V1630 | Right T/sun Roof Damaged     | 8 | Not applicable       | <a href="#">more</a> |
| V1631 | Other Left Side Item Damagd  | 8 | Not applicable       | <a href="#">more</a> |
| V1632 | Other Right Side Item Damagd | 8 | Not applicable       | <a href="#">more</a> |
| V1633 | Foot Controls Damaged        | 0 | No                   | <a href="#">more</a> |
| V1634 | Ignition Key Damaged         | 0 | No                   | <a href="#">more</a> |
| V1635 | Rear View Mirror Damaged     | 0 | No                   | <a href="#">more</a> |
| V1636 | Sunvisor/fitting Damaged     | 0 | No                   | <a href="#">more</a> |
| V1637 | Windshld Molding Damaged     | 0 | No                   | <a href="#">more</a> |
| V1638 | Left A-pillar Damaged        | 0 | No                   | <a href="#">more</a> |
| V1639 | Right A-pillar Damaged       | 0 | No                   | <a href="#">more</a> |
| V1640 | Console Damaged              | 3 | No, occupant contact | <a href="#">more</a> |
| V1641 | Transmissn Lever Damaged     | 0 | No                   | <a href="#">more</a> |
| V1642 | Horn/spoke Shroud Damagd     | 0 | No                   | <a href="#">more</a> |
| V1643 | Upper Panel Damaged          | 0 | No                   | <a href="#">more</a> |
| V1644 | Mid Panel Damaged            | 0 | No                   | <a href="#">more</a> |
| V1645 | Lower Panel Damaged          | 3 | No, occupant contact | <a href="#">more</a> |
| V1646 | Ashtray Damaged              | 0 | No                   | <a href="#">more</a> |

|       |                                |   |                      |                      |
|-------|--------------------------------|---|----------------------|----------------------|
| V1647 | Control Knob/lever Damaged     | 0 | No                   | <a href="#">more</a> |
| V1648 | Glove Compartment Area Damaged | 3 | No, occupant contact | <a href="#">more</a> |
| V1649 | Instruments Damaged            | 0 | No                   | <a href="#">more</a> |
| V1650 | Park Brake Release Damaged     | 8 | Not applicable       | <a href="#">more</a> |
| V1651 | Park Brake Pedal Damaged       | 8 | Not applicable       | <a href="#">more</a> |
| V1652 | A/c Or Upper Vent Damaged      | 0 | No                   | <a href="#">more</a> |
| V1653 | Heater Or A/c Duct Damaged     | 0 | No                   | <a href="#">more</a> |
| V1654 | Radio Damaged                  | 0 | No                   | <a href="#">more</a> |
| V1655 | Other Front Item Damaged       | 8 | Not applicable       | <a href="#">more</a> |
| V1656 | Rear Backlight Damaged         | 0 | No                   | <a href="#">more</a> |
| V1657 | Backlight Header Damaged       | 0 | No                   | <a href="#">more</a> |
| V1658 | Vertical Console Damaged       | 3 | No, occupant contact | <a href="#">more</a> |
| V1659 | Roof Console Damaged           | 0 | No                   | <a href="#">more</a> |

## Case Vehicle Seats

[Back to Top](#)

| Variable Number | Variable Name                     | Code Value | Code Description      | Other Options        |
|-----------------|-----------------------------------|------------|-----------------------|----------------------|
| V1701           | Driver Front Seat Type            | 05         | Bucket                | <a href="#">more</a> |
| V1702           | Passenger Front Seat Type         | 05         | Bucket                | <a href="#">more</a> |
| V1703           | Driver Seat Mount Type            | 1          | Standard              | <a href="#">more</a> |
| V1704           | Passenger Seat Mount Type         | 1          | Standard              | <a href="#">more</a> |
| V1705           | Driver Swivel Mech Equipped       | 0          | No                    | <a href="#">more</a> |
| V1706           | Passenger Swivel Mech Equipped    | 0          | No                    | <a href="#">more</a> |
| V1707           | Driver Seat Original Equipment    | 1          | Yes                   | <a href="#">more</a> |
| V1708           | Passenger Seat Original Equipment | 1          | Yes                   | <a href="#">more</a> |
| V1709           | Driver Seat/rear Oc Contct        | 1          | Yes                   | <a href="#">more</a> |
| V1710           | Passenger Seat/rear Oc Contct     | 1          | Yes                   | <a href="#">more</a> |
| V1711           | Driver Seat Damage                | 1          | Backrest only damaged | <a href="#">more</a> |
| V1712           | Passenger Seat Damage             | 1          | Backrest only damaged | <a href="#">more</a> |
| V1713           | Cntr Frnt Armrest Damagd          | 0          | No                    | <a href="#">more</a> |
| V1714           | Driver Seat-back Rotation         | 2          | Rearward apparent     | <a href="#">more</a> |
| V1715           | Passenger Seat-back Rotation      | 1          | Forward apparent      | <a href="#">more</a> |
| V1716           | Driver Seat-back Type             | 3          | Reclining             | <a href="#">more</a> |

|       |                               |   |                                     |                      |
|-------|-------------------------------|---|-------------------------------------|----------------------|
| V1717 | Passenger Seat-back Type      | 3 | Reclining                           | <a href="#">more</a> |
| V1718 | Driver Seat-back Lock Type    | 1 | Manual                              | <a href="#">more</a> |
| V1719 | Passenger Seat-back Lock Type | 1 | Manual                              | <a href="#">more</a> |
| V1720 | Driver Seat-back Lock Held    | 1 | Yes                                 | <a href="#">more</a> |
| V1721 | Passenger Seat-back Lock Held | 1 | Yes                                 | <a href="#">more</a> |
| V1722 | Driver Recliner Mech Held     | 1 | Yes                                 | <a href="#">more</a> |
| V1723 | Passenger Recliner Mech Held. | 1 | Yes                                 | <a href="#">more</a> |
| V1724 | Driver Head Restraint Type    | 1 | Adjustable                          | <a href="#">more</a> |
| V1725 | Passenger Head Restraint Type | 1 | Adjustable                          | <a href="#">more</a> |
| V1726 | Driver Head Rest Removed      | 0 | No                                  | <a href="#">more</a> |
| V1727 | Passenger Head Rest Removed   | 0 | No                                  | <a href="#">more</a> |
| V1728 | Driver Head Rest Adjustmnt    | 2 | Down                                | <a href="#">more</a> |
| V1729 | Passenger Head Rest Adjustmnt | 1 | Up                                  | <a href="#">more</a> |
| V1730 | Driver Head Rest Damage       | 0 | None                                | <a href="#">more</a> |
| V1731 | Passenger Head Rest Damage    | 0 | None                                | <a href="#">more</a> |
| V1732 | Driver Rear Impact Counter    | 0 | None                                | <a href="#">more</a> |
| V1733 | Passenger Rear Impact Counter | 0 | None                                | <a href="#">more</a> |
| V1734 | Driver Seat Adjustmnt Type    | 2 | Power                               | <a href="#">more</a> |
| V1735 | Passenger Seat Adjustmnt Type | 1 | Manual                              | <a href="#">more</a> |
| V1736 | Driver Seat Adjust Provisn    | 2 | 4-way                               | <a href="#">more</a> |
| V1737 | Passenger Seat Adjust Provisn | 1 | 2-way                               | <a href="#">more</a> |
| V1738 | Driver Seat Adjuster Dam      | 9 | Unknown                             | <a href="#">more</a> |
| V1739 | Passenger Seat Adjuster Dam   | 0 | None                                | <a href="#">more</a> |
| V1740 | Driver Seat Adjuster Sep      | 0 | None                                | <a href="#">more</a> |
| V1741 | Passenger Seat Adjuster Sep   | 0 | None                                | <a href="#">more</a> |
| V1742 | Driver Seat Pre-crash Pos     | 2 | Middle                              | <a href="#">more</a> |
| V1743 | Passenger Seat Pre-crash Pos  | 2 | Middle                              | <a href="#">more</a> |
| V1744 | Left Rear Seat Type           | 2 | Folding                             | <a href="#">more</a> |
| V1745 | Rght Rear Seat Type           | 2 | Folding                             | <a href="#">more</a> |
| V1746 | Left Rear Seat Damage         | 0 | None                                | <a href="#">more</a> |
| V1747 | Rght Rear Seat Damage         | 1 | Backrest only (damaged or loosened) | <a href="#">more</a> |
|       |                               |   |                                     |                      |

|       |  |   |                |                      |
|-------|--|---|----------------|----------------------|
| V1748 | Cntr Rear Armrest Damagd                 | 0 | No             | <a href="#">more</a> |
| V1749 | Left Rear Seat-back Left Lock Equipped   | 1 | Yes            | <a href="#">more</a> |
| V1750 | Right Rear Seat-back Left Lock Equipped  | 0 | No             | <a href="#">more</a> |
| V1751 | Left Rear Seat-back Left Lock Held       | 1 | Yes            | <a href="#">more</a> |
| V1752 | Right Rear Seat-back Left Lock Held      | 8 | Not applicable | <a href="#">more</a> |
| V1753 | Left Rear Seat-back Right Lock Equipped  | 0 | No             | <a href="#">more</a> |
| V1754 | Right Rear Seat-back Right Lock Equipped | 1 | Yes            | <a href="#">more</a> |
| V1755 | Left Rear Seat-back Right Lock Held      | 8 | Not applicable | <a href="#">more</a> |
| V1756 | Right Rear Seat-back Right Lock Held     | 1 | Yes            | <a href="#">more</a> |
| V1757 | Left 3rd Seat Equipped                   | 1 | Yes            | <a href="#">more</a> |
| V1758 | Right 3rd Seat Equipped                  | 1 | Yes            | <a href="#">more</a> |
| V1759 | Left 3rd Row Type Seat                   | 2 | Folding        | <a href="#">more</a> |
| V1760 | Right 3rd Row Type Seat                  | 2 | Folding        | <a href="#">more</a> |
| V1761 | Left 3rd Seat Damage                     | 0 | No             | <a href="#">more</a> |
| V1762 | Right 3rd Seat Damage                    | 0 | No             | <a href="#">more</a> |
| V1763 | Left 3rd Seat Cushion Dam                | 8 | Not applicable | <a href="#">more</a> |
| V1764 | Right 3rd Seat Cushion Dam               | 8 | Not applicable | <a href="#">more</a> |
| V1765 | Left 3rd Seat L/c Lock Equipped          | 0 | No             | <a href="#">more</a> |
| V1766 | Right 3rd Seat L/c Lock Equipped         | 0 | No             | <a href="#">more</a> |
| V1767 | Left 3rd Seat L/c Lock Held              | 8 | Not applicable | <a href="#">more</a> |
| V1768 | Right 3rd Seat L/c Lock Held             | 8 | Not applicable | <a href="#">more</a> |
| V1769 | Left 3rd Seat Right Lock Equipped        | 1 | Yes            | <a href="#">more</a> |
| V1770 | Right 3rd Seat Right Lock Equipped       | 0 | No             | <a href="#">more</a> |
| V1771 | Left 3rd Seat Right Lock Held            | 1 | Yes            | <a href="#">more</a> |
| V1772 | Right 3rd Seat Right Lock Held           | 8 | Not applicable | <a href="#">more</a> |
| V1773 | Rear Head Restraints                     | 1 | Equipped       | <a href="#">more</a> |

**Case Vehicle Side Airbag(s)**

[Back to Top](#)

| <b>Variable Number</b> | <b>Variable Name</b>              | <b>Code Value</b> | <b>Code Description</b> | <b>Other Options</b> |
|------------------------|-----------------------------------|-------------------|-------------------------|----------------------|
| V1801                  | Side Airbag Equipped              | 1                 | Yes, equipped           | <a href="#">more</a> |
| V1802                  | Left Front Seatback Mount Deploy  | 2                 | Not deployed            | <a href="#">more</a> |
| V1803                  | Right Front Seatback Mount Deploy | 2                 | Not deployed            | <a href="#">more</a> |
| V1804                  | Left Rear Seatback Mount Deploy   | 0                 | Not equipped            | <a href="#">more</a> |
| V1805                  | Right Rear Seatback Mount Deploy  | 0                 | Not equipped            | <a href="#">more</a> |
| V1806                  | Left Front Seatback Module Type   | 3                 | Not deployed            | <a href="#">more</a> |
| V1807                  | Right Front Seatback Module Type  | 3                 | Not deployed            | <a href="#">more</a> |
| V1808                  | Left Rear Seatback Module Type    | 0                 | Not equipped            | <a href="#">more</a> |
| V1809                  | Right Rear Seatback Module Type   | 0                 | Not equipped            | <a href="#">more</a> |
| V1810                  | Left Front Seatback Airbag Type   | 5                 | Not deployed            | <a href="#">more</a> |
| V1811                  | Right Front Seatback Airbag Type  | 5                 | Not deployed            | <a href="#">more</a> |
| V1812                  | Left Rear Seatback Airbag Type    | 0                 | Not equipped            | <a href="#">more</a> |
| V1813                  | Right Rear Seatback Airbag Type   | 0                 | Not equipped            | <a href="#">more</a> |
| V1814                  | Left Front Seatback Airbag Cond.  | 8                 | Not deployed            | <a href="#">more</a> |
| V1815                  | Right Front Seatback Airbag Cond. | 8                 | Not deployed            | <a href="#">more</a> |
| V1816                  | Left Rear Seatback Airbag Cond.   | 0                 | Not equipped            | <a href="#">more</a> |
| V1817                  | Right Rear Seatback Airbag Cond.  | 0                 | Not equipped            | <a href="#">more</a> |
| V1818                  | Left Front Door-mounted Deploy    | 0                 | Not equipped            | <a href="#">more</a> |
| V1819                  | Right Front Door-mounted Deploy   | 0                 | Not equipped            | <a href="#">more</a> |
| V1820                  | Left Rear Door-mounted Deploy     | 0                 | Not equipped            | <a href="#">more</a> |
|                        |                                   |                   |                         |                      |

|       |                                   |   |              |                      |
|-------|-----------------------------------|---|--------------|----------------------|
| V1821 | Right Rear Door-mounted Deploy    | 0 | Not equipped | <a href="#">more</a> |
| V1822 | Left Front Door Module Type       | 0 | Not equipped | <a href="#">more</a> |
| V1823 | Right Front Door Module Type      | 0 | Not equipped | <a href="#">more</a> |
| V1824 | Left Rear Door Module Type        | 0 | Not equipped | <a href="#">more</a> |
| V1825 | Right Rear Door Module Type       | 0 | Not equipped | <a href="#">more</a> |
| V1826 | Left Front Door Airbag Type       | 0 | Not equipped | <a href="#">more</a> |
| V1827 | Right Front Door Airbag Type      | 0 | Not equipped | <a href="#">more</a> |
| V1828 | Left Rear Door Airbag Type        | 0 | Not equipped | <a href="#">more</a> |
| V1829 | Right Rear Door Airbag Type       | 0 | Not equipped | <a href="#">more</a> |
| V1830 | Left Front Door Airbag Condition  | 0 | Not equipped | <a href="#">more</a> |
| V1831 | Right Front Door Airbag Condition | 0 | Not equipped | <a href="#">more</a> |
| V1832 | Left Rear Door Airbag Condition   | 0 | Not equipped | <a href="#">more</a> |
| V1833 | Right Rear Door Airbag Condition  | 0 | Not equipped | <a href="#">more</a> |
| V1834 | Left Front Roof Mounted Deploy    | 0 | Not equipped | <a href="#">more</a> |
| V1835 | Right Front Roof Mounted Deploy   | 0 | Not equipped | <a href="#">more</a> |
| V1836 | Left Rear Roof Mounted Deploy     | 0 | Not equipped | <a href="#">more</a> |
| V1837 | Right Rear Roof Mounted Deploy    | 0 | Not equipped | <a href="#">more</a> |
| V1838 | Left Front Roof Module Type       | 0 | Not equipped | <a href="#">more</a> |
| V1839 | Right Front Roof Module Type      | 0 | Not equipped | <a href="#">more</a> |
| V1840 | Left Rear Roof Module Type        | 0 | Not equipped | <a href="#">more</a> |
| V1841 | Right Rear Roof Module Type       | 0 | Not equipped | <a href="#">more</a> |
| V1842 | Left Front Roof Airbag Type       | 0 | Not equipped | <a href="#">more</a> |
| V1843 | Right Front Roof Airbag Type      | 0 | Not equipped | <a href="#">more</a> |
| V1844 | Left Rear Roof Airbag Type        | 0 | Not equipped | <a href="#">more</a> |
|       |                                   |   |              |                      |

|       |                                   |   |              |                      |
|-------|-----------------------------------|---|--------------|----------------------|
| V1845 | Right Rear Roof Airbag Type       | 0 | Not equipped | <a href="#">more</a> |
| V1846 | Left Front Roof Airbag Condition  | 0 | Not equipped | <a href="#">more</a> |
| V1847 | Right Front Roof Airbag Condition | 0 | Not equipped | <a href="#">more</a> |
| V1848 | Left Rear Roof Airbag Condition   | 0 | Not equipped | <a href="#">more</a> |
| V1849 | Right Rear Roof Airbag Condition  | 0 | Not equipped | <a href="#">more</a> |

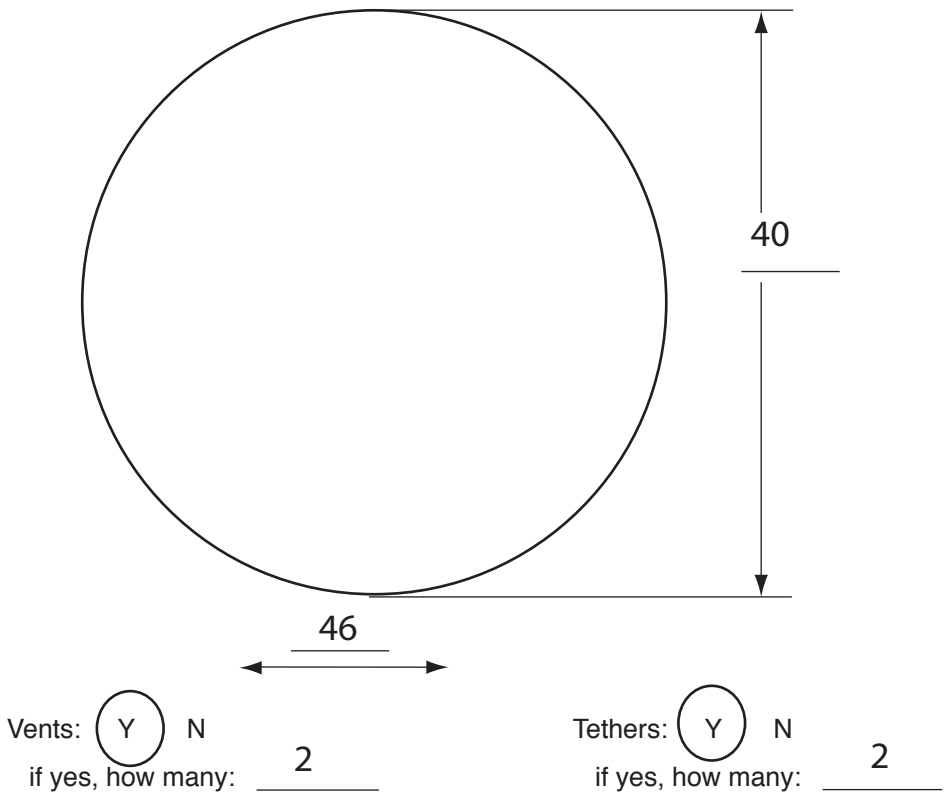
## EDR -- Event Data Recorder

[Back to Top](#)

| Variable Number | Variable Name  | Code Value | Code Description        | Other Options        |
|-----------------|--|------------|-------------------------|----------------------|
| V1901           | Case Vehicle EDR Equipped                                | 1          | Yes                     | <a href="#">more</a> |
| V1902           | Type Of File Recovered                                   | 1          | Not downloaded          | <a href="#">more</a> |
| V1903           | EDR Pre-crash Braking                                    | 1          | Not downloaded          | <a href="#">more</a> |
| V1904           | Event Data Recorder (EDR) Pre-impact Speed               | 92         | Not downloaded          | <a href="#">more</a> |
| V1905           | EDR Driver Belt Status                                   | 1          | Not downloaded          | <a href="#">more</a> |
| V1906           | EDR Right Front Belt Status                              | 1          | Not downloaded          | <a href="#">more</a> |
| V1907           | Right Front Airbag Suppressed                            | 1          | Not downloaded          | <a href="#">more</a> |
| V1908           | Sir Warning Lamp Status                                  | 1          | Not downloaded          | <a href="#">more</a> |
| V1909           | Time Between Near Deployment and Deployment (in Seconds) | 6          | Not downloaded          | <a href="#">more</a> |
| V1910           | Time Between Algorithm Enable and Deployment (in ms)     | 000        | Not equipped            | <a href="#">more</a> |
| V1911           | Maximum Recorded Longitudinal Velocity Change (mph))     | 000        | No time / not collected | <a href="#">more</a> |
| V1912           | Maximum Recorded Lateral Velocity Change (mph))          | 000        | No time / not collected | <a href="#">more</a> |
| V1913           | More Than One Deploy?                                    | 1          | Not downloaded          | <a href="#">more</a> |

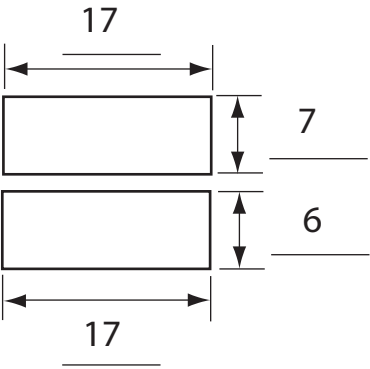


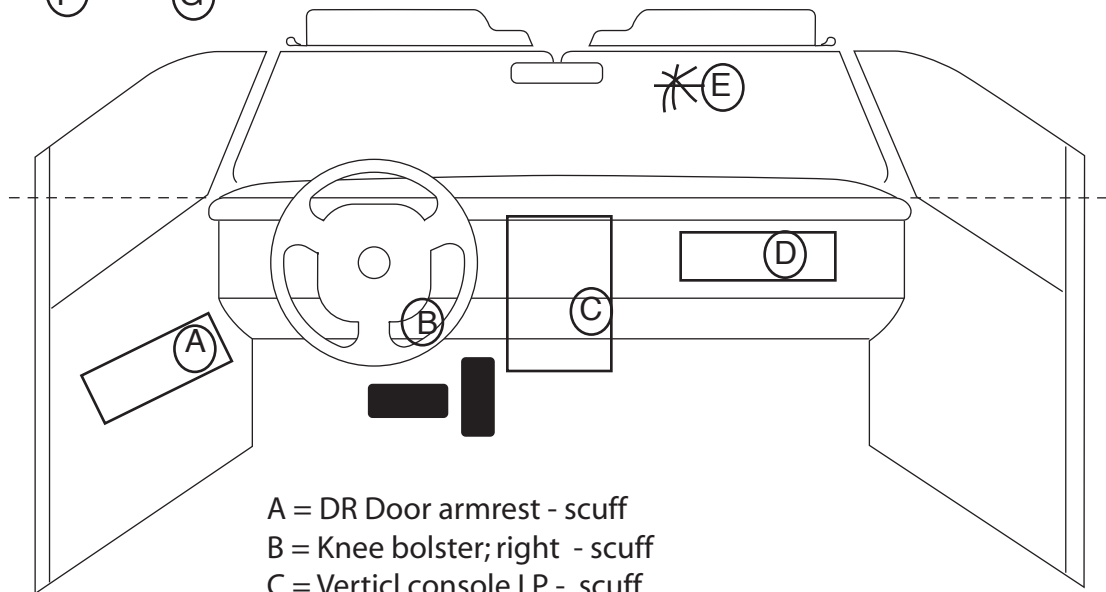
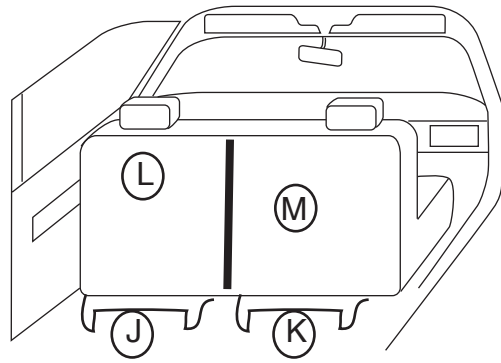
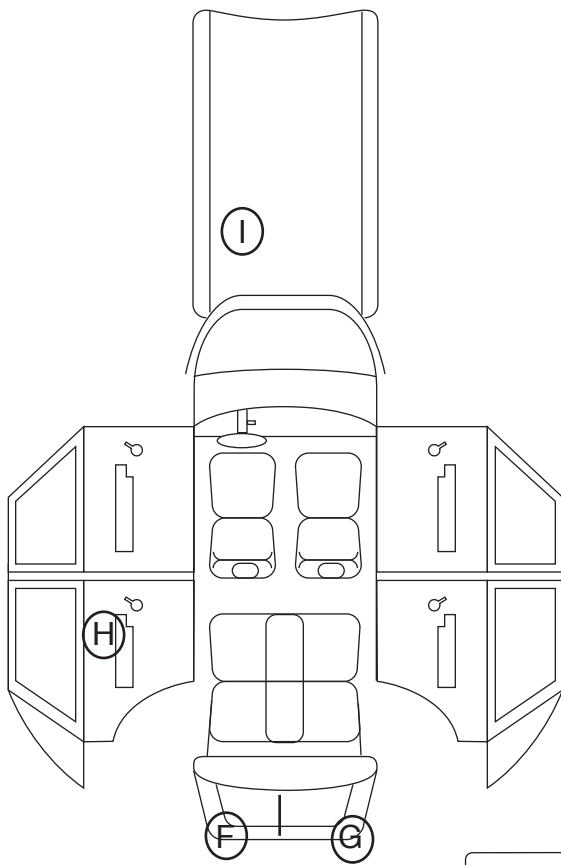
Driver Airbag



vents at 11 and 1 o'clock

Driver Airbag Doors





- A = DR Door armrest - scuff
- B = Knee bolster; right - scuff
- C = Vertical console I.P.- scuff
- D = Glove box - scuff
- E = Windshield - spiderweb crack and hair
- F = Back of 2nd seatback - scrapes on plastic
- G = Back of 2nd seatback - scrapes on plastic
- H = Left rear door - blood
- I = Roof - skin
- J = Back of DR seatback bottom - plastic broke
- K = Back of RF seatback bottom - plastic cracked
- L = Back of DR seatback - abraded fabric
- M = Back of RF seatback - abraded fabric

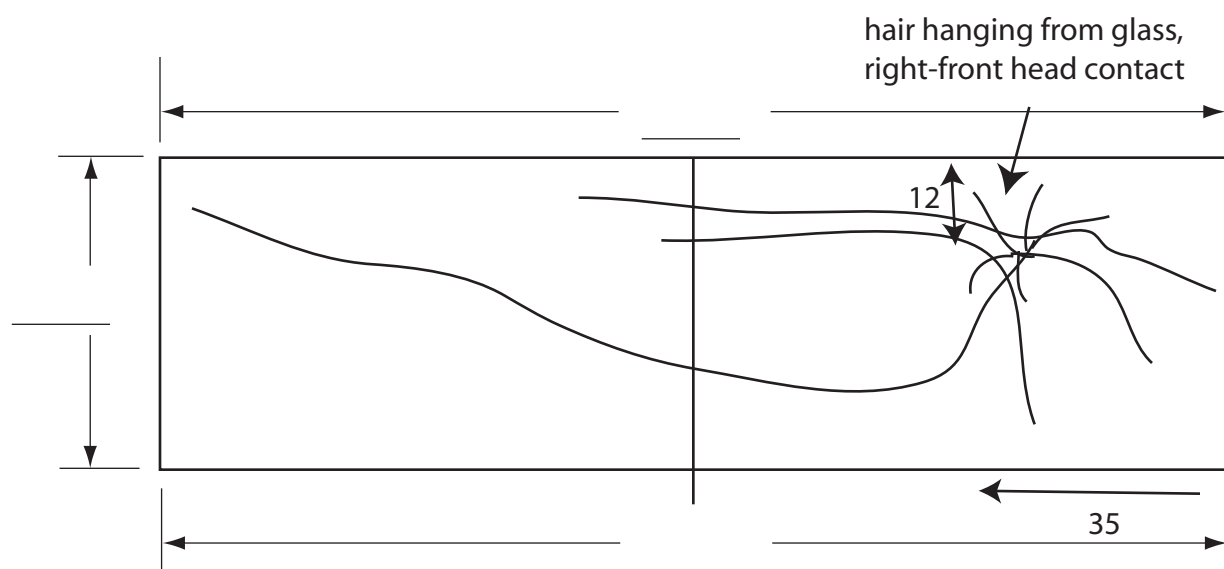
1 = Definitely 2 = Probably 3 = Possible

## INTRUSION IT-1

| Location of Intrusion | Intruded Component | (All Measurements Are in Centimeters) |                  |             | Dominant Crush Direction |
|-----------------------|--------------------|---------------------------------------|------------------|-------------|--------------------------|
|                       |                    | Comparison Value                      | – Intruded Value | = Intrusion |                          |
|                       | None               |                                       | –                | =           |                          |
|                       |                    |                                       |                  |             |                          |

## OCCUPANT CONTACT WORKSHEET

| Contact | Interior Component Contacted | Occupant No. if Known | Body Region if Known | Supporting Physical Evidence    | Confidence Level of Contact Point |
|---------|------------------------------|-----------------------|----------------------|---------------------------------|-----------------------------------|
| A       | DR door armrest              | 1                     | Arm                  | Scuff                           | 2                                 |
| B       | Knee bolster, right          | 1                     | Knee                 | Scuff                           | 1                                 |
| C       | Vertical console IP          | 2                     | Knee                 | Scuff                           | 1                                 |
| D       | Glove box                    | 2                     | Knee                 | Scuff                           | 1                                 |
| E       | Windshield                   | 2                     | Head                 | Spiderweb crack, hair           | 1                                 |
| F       | 2nd left seatback            | 3L                    | Body                 | Scrapes on back of seat plastic | 2                                 |
| G       | 2nd right seatback           | 3R                    | Body                 | Scrapes on back of seat plastic | 2                                 |
| H       | 2 <sup>nd</sup> left door    | 2L                    | Arm                  | Blood                           | 2                                 |
| I       | Roof                         | 2L                    | Head                 | Skin                            | 2                                 |
| J       | Back of DR seatback bottom   | 2L                    | Legs                 | Plastic broken                  | 1                                 |
| K       | Back of RF seatback bottom   | 2R                    | Legs                 | Plastic cracked                 | 1                                 |
| L       | Back of DR seatback          | 2L                    | Body                 | Abraded fabric                  | 1                                 |
| M       | Back of RF seatback          | 2R                    | Body                 | Abraded fabric                  | 1                                 |



WINDSHIELD MARK ON CASE VEHICLE:

SMG



GUARDIAN

SAFETY FLOAT SHADED

LAMINATED

AS1- GG - M55

DOT-22

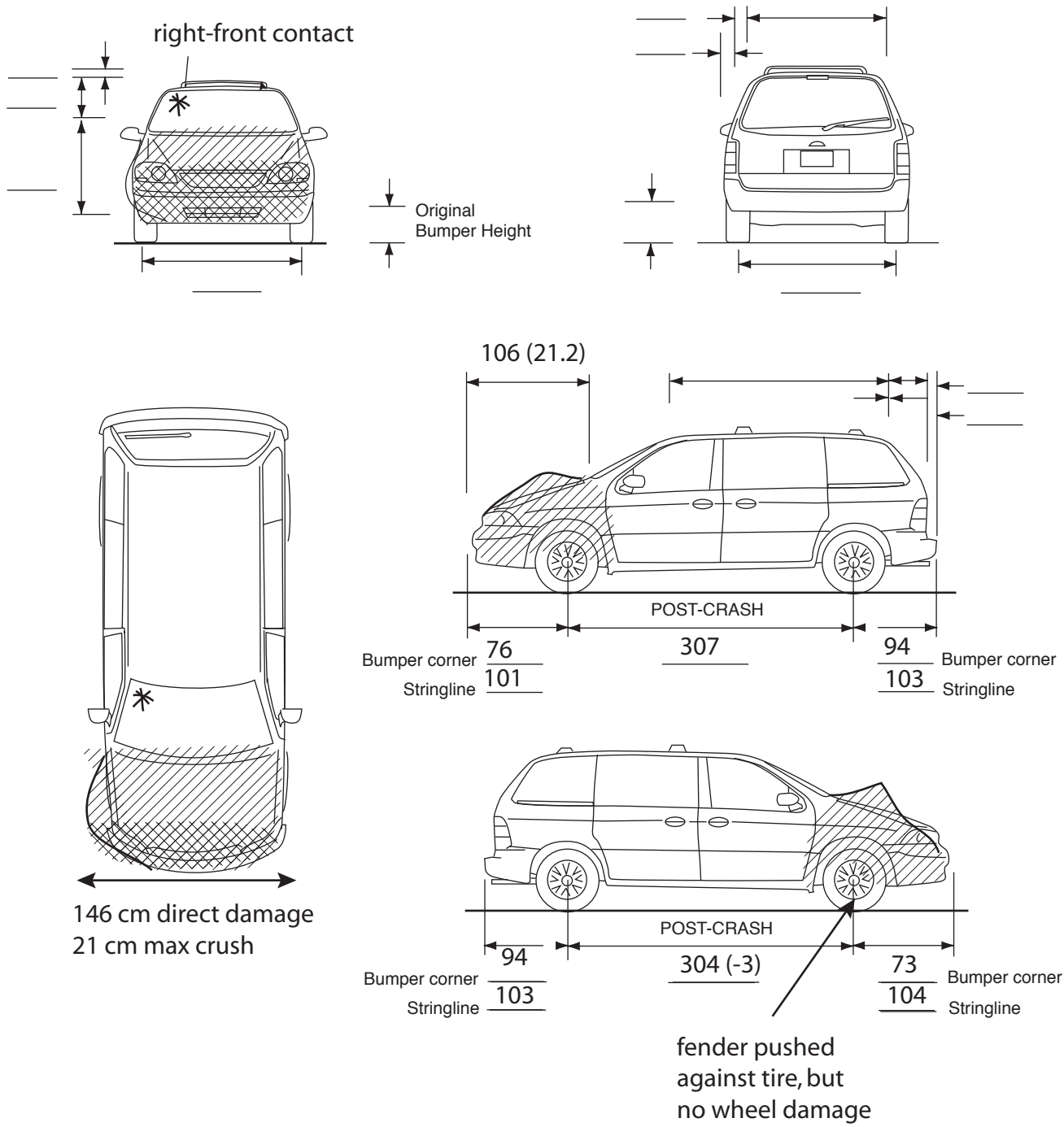
MADE IN USA

DW 1174/1257 GBY

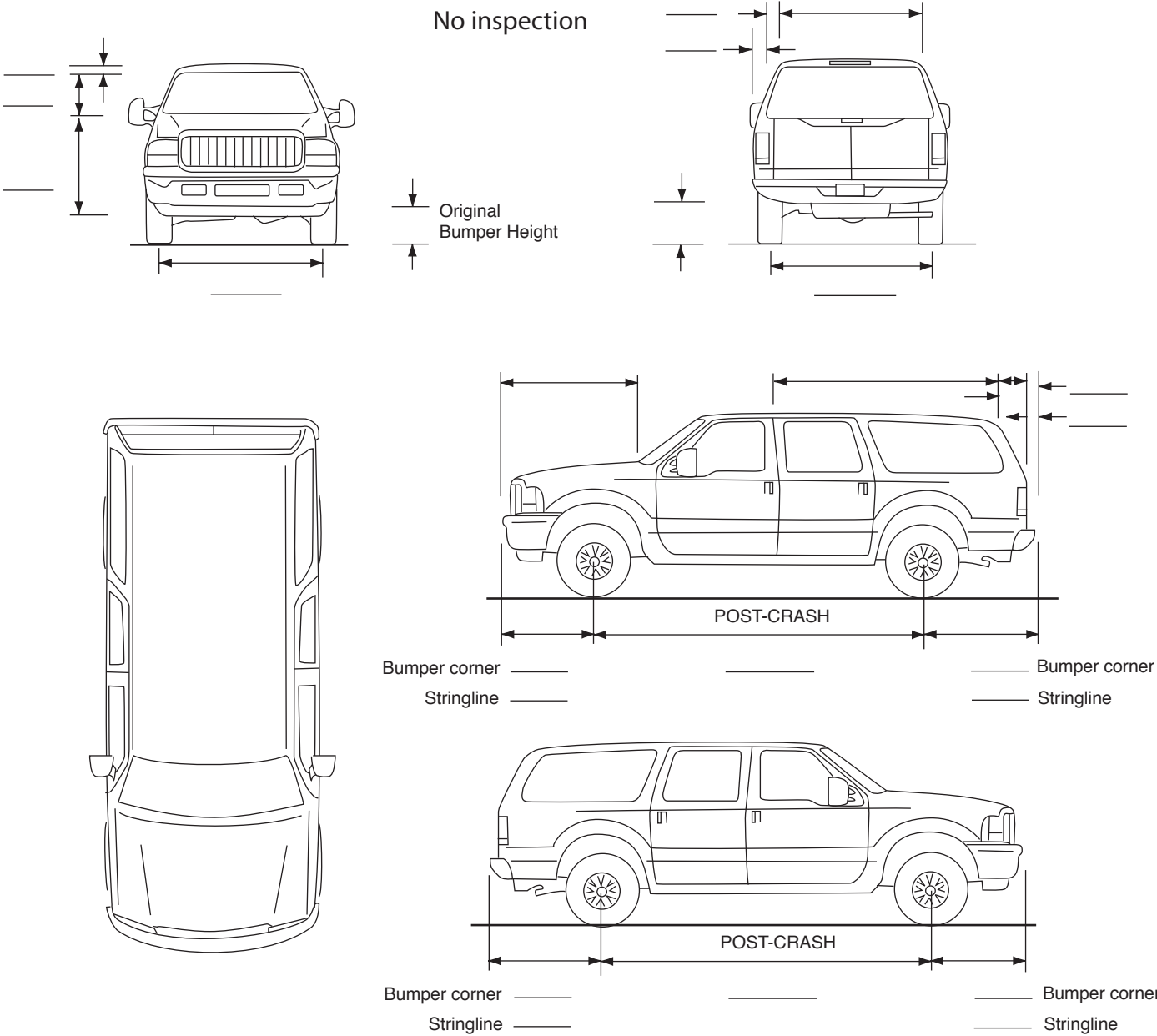
1 5 U 2

/// S N

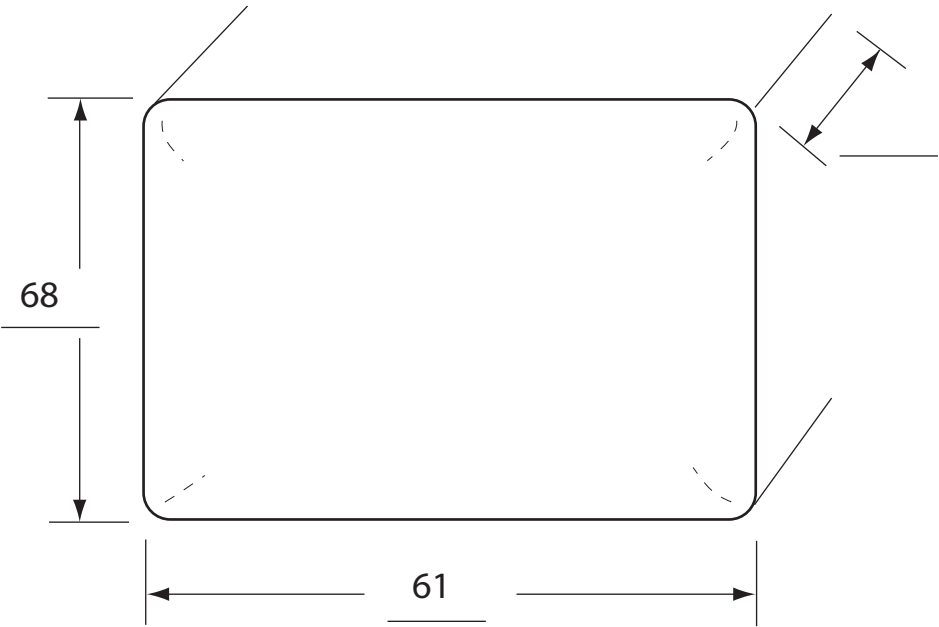
MEASUREMENTS IN CENTIMETERS



MEASUREMENTS IN CENTIMETERS



Passenger Airbag

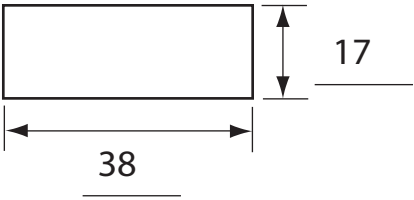


Vents: ☒ Y ☐ N      1  
if yes, how many: \_\_\_\_\_  
vent at 11 o'clock

Tethers:   Y   ☒ N  
if yes, how many: \_\_\_\_\_

Passenger Airbag Doors


Single Door











— 2ND RT







2ND RT







D LT





2nd LT





RF



















A close-up photograph of a person's hand holding a grey fabric car seatbelt buckle. The hand, which has a gold ring with a blue stone on the ring finger, is holding the buckle from the left. A small white rectangular label with the word "DRIVER" written in black marker is attached to the buckle. The seatbelt strap is grey and woven. The background is out of focus, showing a teal car interior panel and a window with sunlight streaming in.

— DRIVER

VER



A close-up photograph of a person's hand holding a grey, woven seatbelt. A small, white, rectangular label with rounded corners is attached to the seatbelt. The label has the word "DRIVER" written on it in black, handwritten-style capital letters. The background is a dark grey, textured fabric, likely the interior of a vehicle.

— DRIVER

— DRIVER

































































TREB

4 5 6 MENU

FRONT

REAR

MAX A/C

REAR CTL

A/C

















WARNING

260420

































284025



WINDSTAR

SE





















































284025  
X6m @



















284025

X Com @







284025

X-6m @

19/1  
6m













284025

X6m @





284025

X Com @

















284025

X 6m @ BS





284025

X6m (BA)





284025  
X6m @B





284025

X6m (BA)











